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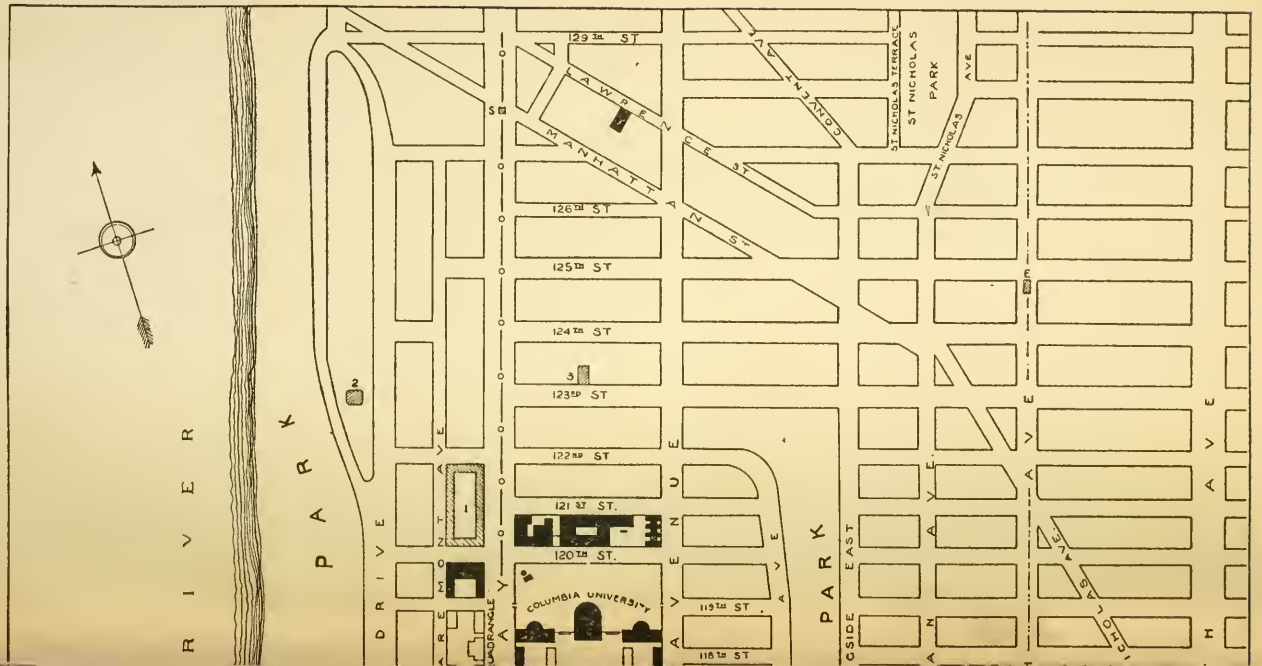

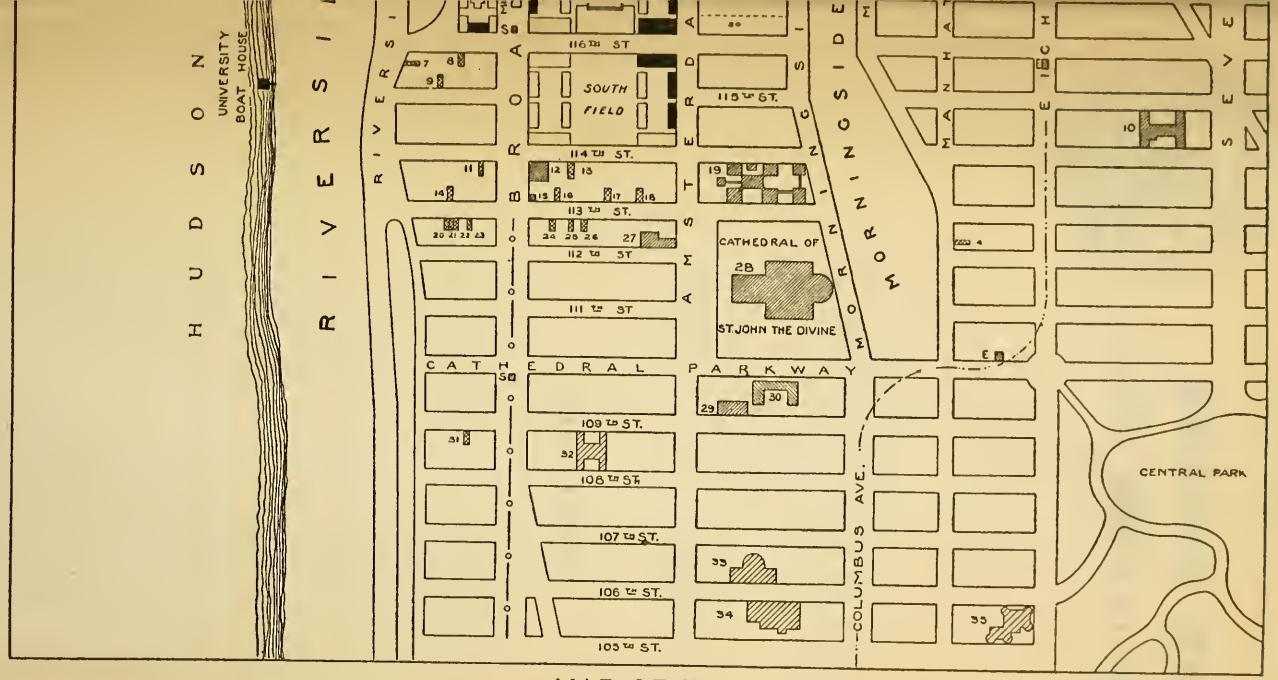

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[1] For Library Staff, see page 47.

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John Howard Van Amringe, Ph.D., L.H.D., LL.D...Emeritus Professor of Mathematics

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A.B., Columbia, 1882; A.M., 1883; Ph.D., 1884; LL.D., Syracuse, 1898; Tulane, 1901; Johns Hopkins, Princeton, Yale, and University of Pennsylvania, 1902; Chicago, 1903; Manchester and St. Andrew's, 1905; Cambridge, 1907; Williams, 1908; Harvard and Dartmouth, 1909; Litt.D., Oxford, 1905; Officier de la Légion d'Honneur, 1906; Order of the Red Eagle (Prussia), 1910.

Professors

[1]CHARLES F. CHANDLER.....Mitchill Professor of Chemistry
A.M., Ph.D., Göttingen, 1856; M.D., University of New York, 1873; LL.D., Union, 1873; Sc.D., Oxford, 1900.

JOHN W. BURGESS.....Ruggles Professor of Political Science and Constitutional Law
A.B., Amherst, 1867; A.M., 1870; LL.D., 1884; Ph.D., Princeton, 1883; Ph.D. (Hon.), Leipsic, 1909; Jur. D. (Hon.), Berlin, 1910.

[3]HENRY S. MUNROE.....Professor of Mining
E.M., Columbia, 1869; Ph.D., 1876; Sc.D., 1904.

MUNROE SMITH.....Professor of Roman Law and Comparative Jurisprudence
A.B., Amherst, 1874; A.M., 1880; LL.B., Columbia, 1877; LL.D, 1904; J.U.D., Göttingen, 1880; J.D., Louvain, 1909.

FRANK J. GOODNOW....Eaton Professor of Administrative Law and Municipal Science
A.B., Amherst, 1879; A.M., 1886; LL.D., 1898; LL.B., Columbia, 1882, *cum laude;* LL.D., 1904; LL.D., Harvard, 1909.

RICHARD J. H. GOTTHEIL....Professor of Rabbinical Literature and the Semitic Languages
A.B., Columbia, 1881; Ph.D., Leipzig, 1886.

EDWIN R. A. SELIGMAN....McVickar Professor of Political Economy
A.B., Columbia, 1879; A.M., 1883; LL.B., 1884; Ph.D., 1884; LL.D., 1904.

WILLIAM HENRY CARPENTER..Villard Professor of Germanic Philology
A.B., Hamilton, 1881; Ph.D., Freiburg, 1881.

M. ALLEN STARR.....Professor of Neurology
A.B., Princeton, 1876; A.M., 1879; Ph.D., 1884; LL.D., 1899; M.D., Columbia, 1880; Sc.D., 1904.

ALFRED D. F. HAMLIN.....Professor of the History of Architecture
A.B., Amherst, 1875; A.M., 1885.

ALFRED J. MOSES.....Professor of Mineralogy
E.M., Columbia, 1882; Ph.D., 1890.

GEORGE S. HUNTINGTON.....Professor of Anatomy
A.B., Trinity, 1881; A.M., 1884; M.D., Columbia, 1884; Sc.D., 1904; LL.D., Jefferson Medical College, 1907.

HERBERT L. OSGOOD.....Professor of History
A.B., Amherst, 1877; A.M., 1880; LL.D., 1907; Ph.D., Columbia, 1889.

[1] Absent on leave 1910–11.

[3] Absent on leave second half-year.

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A.B., Lafayette, 1880; A.M., 1883; LL.D., 1907; Ph.D., Leipzig, 1886.

Francis M. Burdick.....Dwight Professor of Law
A.B., Hamilton, 1869; LL.B., 1872; LL.D., 1895.

George W. Kirchwey.....Kent Professor of Law
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A.B., Virginia, 1880; LL.D., Yale, 1901.

Henry Fairfield Osborn.....Da Costa Professor of Zoölogy
A.B., Princeton, 1877; Sc.D., 1880; LL.D., Trinity College (Hartford), 1901; Princeton, 1902; Columbia, 1907; Sc.D., Cambridge, 1904.

Edward Delavan Perry.....Jay Professor of Greek
A.B., Columbia, 1875; LL.D., 1904; A.M. and Ph.D., Tübingen, 1879.

Frank Dempster Sherman.....Professor of Graphics
Ph.B., Columbia, 1884.

[2] William A. Dunning.....Lieber Professor of History and Political Philosophy
A.B., Columbia, 1881; A.M., 1883; Ph.D., 1885; LL.D., 1904.

[3] Abraham Valentine Williams Jackson...Professor of Indo-Iranian Languages
A.B., Columbia, 1883; A.M., 1884; L.H.D., 1885; Ph.D., 1886; LL.D., 1904.

Adolphe Cohn...Professor of the Romance Languages and Literatures
B ès. L., Paris, 1868; LL.B., 1873; A.M., 1874; Chevalier de la Légion d'Honneur, 1900. Cavaliere della Corona d'Italia.

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Ph.B., Yale, 1878; LL.D., 1901; Ph.D., Johns Hopkins, 1881; LL.D., 1902; LL.D., Chicago, 1901; Sc.D., Cambridge, 1909; M.D. (Hon.), Leipsic, 1909.

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A.B., Amherst, 1881; Sc.D., 1906; E.M., Columbia, 1884.

[2] Robert Peele.....Professor of Mining
E.M., Columbia, 1883.

William Hallock.....Professor of Physics
A.B., Columbia, 1879; Ph.D., Würzburg, 1881; Phar.D., National College of Pharmacy, 1892.

Brander Matthews.....Professor of Dramatic Literature
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[3] William H. Burr.....Professor of Civil Engineering
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[3] Henry Alfred Todd.....Professor of Romance Philology
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Franklin Henry Giddings.....Professor of Sociology and the History of Civilization
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GEORGE F. CANFIELD..... Professor of Law
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[1]JOHN B. CLARK.....Professor of Political Economy
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JAMES RIGNALL WHEELER...Professor of Greek Archæology and Art
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FRANK N. COLE.....Professor of Mathematics
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Ph.D., Kiel, 1881; LL.D., Clark, 1909.

[3]JOHN FRANCIS WOODHULL.....Professor of Physical Science in Teachers College
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[3] HELEN KINNE.....Professor of Domestic Science in Teachers College

MRS. MARY SCHENCK WOOLMAN.....Professor of Domestic Art in Teachers College

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Ph.D., Jena, 1889.

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[1] Absent on leave 1910–11. [2] Absent on leave first half-year.
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[2] Absent on leave first half-year. [3] Absent on leave second half-year.

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[1] CHARLES AUGUSTUS STRONG.....Professor of Psychology
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[2] MARSHALL H. SAVILLE....Loubat Professor of American Archæology

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[1] Absent on leave 1910–11.
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[3] Absent on leave second half-year.
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A.B., Columbia, 1895; Ph.D., 1899.

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[1] GEORGE STUART FULLERTON.....Professor of Philosophy
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[3]JEFFERSON B. FLETCHER.....Professor of Comparative Literature
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CORNELIUS RÜBNER.....Professor of Music
Mus. Doc., George Washington, 1907.

ARTHUR WESLEY DOW....Professor of Fine Arts in Teachers College

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M.D., University Medical College of New York, 1884.

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[1] Absent on leave 1910–11. [2] Absent on leave first half-year.
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[1] JOSEPH C. PFISTER.....Assistant Professor of Mechanics
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A.B., Nebraska, 1884; A.M., 1889; Ph.D., Cornell, 1891.

ALBERT P. WILLS.....Professor of Mathematical Physics
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ROBERT SESSIONS WOODWORTH.....Professor of Psychology
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[2] EDWARD THOMAS DEVINE.....Schiff Professor of Social Economy
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WILHELM A. BRAUN.....Assistant Professor of the Germanic Languages and Literatures
A.B., Toronto, 1895; Ph.D., Columbia, 1903.

MORTON ARENDT.....Assistant Professor of Electrical Engineering
E.E., Columbia, 1898.

TRACY E. HAZEN.....Assistant Professor of Botany
A.B., Vermont, 1897; A.M., Columbia, 1899; Ph.D., 1900.

CHARLES P. BERKEY.....Assistant Professor of Geology
B.S., Minnesota, 1892; M.S., 1893; Ph.D., 1897.

RAYMOND C. OSBURN.....Assistant Professor of Zoölogy
B.S., Ohio State, 1898; M.S., 1900; Ph.D., Columbia, 1906.

JOHN L. GERIG.....Assistant Professor of the Romance Languages and Literatures
A.B., Missouri, 1898; A.M., 1899; Ph.D., 1902.

HARRY M. AYRES.....Assistant Professor of English
A.B., Harvard, 1902; Ph.D., 1908.

CAMILLE FONTAINE.....Assistant Professor of the Romance Languages and Literatures
B ès L., Univ. of Paris, 1875; B. en Dr., 1877; Lic. en Dr., 1878.

CHARLES C. GROVE.....Assistant Professor of Mathematics
A.B., Pennsylvania State College, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1906.

JOHN HAROLD MORECROFT..Assistant Professor of Electrical Engineering
E.E., Syracuse, 1904; B.S., 1907.

ALGERNON DE V. TASSIN.....Assistant Professor of English
A.B., Harvard, 1892; A.M., 1893.

CARLTON H. HAYES.....Assistant Professor of History
A.B., Columbia, 1904; A.M., 1905; Ph.D., 1909.

VIRGINIA C. GILDERSLEEVE....Assistant Professor of English in Barnard College
A.B., Columbia, 1899; A.M., 1900; Ph.D., 1908.

WILLIAM BENJAMIN FITE.....Professor of Mathematics
Ph.B., Cornell, 1892; Ph.D., 1901.

HERBERT E. HAWKES.....Professor of Mathematics
A.B., Yale, 1896; Ph.D., 1900.

PERCY HODGE.....Assistant Professor of Mechanics
A.B., Western Reserve, 1892; B.S., Case School of Applied Science, 1894; Ph.D., Cornell, 1908.

GEORGE PHILIP KRAPP.....Professor of English
A.B., Wittenberg, 1894; A.M., 1897; Ph.D., Johns Hopkins, 1899.

DEAN PUTNAM LOCKWOOD.....Assistant Professor of Classical Philology
A.B., Harvard, 1903; A.M., 1904; Ph.D., 1907.

FRANK GARDNER MOORE.....Professor of Classical Philology
A.B., Yale, 1886; Ph.D., 1890.

WALTER IRVINE SLICHTER.....Professor of Electrical Engineering
E. E., Columbia, 1896.

HARLAN F. STONE.....Professor of Law
B.S., Amherst, 1894; A.M., 1900; LL.B., Columbia, 1898.

LA RUE VAN HOOK.....Associate Professor of Classical Philology
A.B., Michigan, 1899; Ph.D., Chicago, 1904.

GEORGE V. WENDELL.....Professor of Physics
B.S., Mass. Inst. of Tech., 1892; Ph.D., Leipzig, 1898.

MILTON C. WHITAKER.....Professor of Industrial Chemistry
B.S., University of Colorado, 1897; M.S., 1899.

J. Paul Jones Williams.....Assistant Professor of Civil Engineering
B.S., Pennsylvania, 1898; M.S., 1899; C.E., 1908.

Curt P. Wimmer....Assistant Professor of Pharmacy in the College of Pharmacy
Phar. G., New York College of Pharmacy, 1902; Phar. D., 1904; A.M., Columbia, 1909.

Frederick G. Bonser.....Assistant Professor of Industrial Arts in Teachers College
B.S., Illinois, 1901; M.S., 1902.

Anna M. Cooley....Assistant Professor of Household Arts in Teachers College
B.S., Columbia, 1903; Bachelor's Diploma, Teachers College, 1903; Diploma, New York Normal College, 1893; Hunter Kindergarten Training School, 1894.

Jane T. Fales.....Assistant Professor of Household Arts in Teachers College
Diploma, Teachers College, 1906; B.S., Columbia, 1907.

Frederic Ernest Farrington....Associate Professor of Education in Teachers College
A.B., Harvard, 1894; A.M., Columbia, 1902; Ph.D., 1904.

Edgar Fauver....Assistant Professor of Physical Education in Teachers College
A.B., Oberlin, 1899; M.D., Columbia, 1909.

Grace Fulmer.....Assistant Professor of Kindergarten Education in Teachers College
Diploma, Chicago Kindergarten College, 1893.

Clyde Furst.....Associate Professor of English in Teachers College
Ph.B., Dickinson, 1893; A.M., 1895.

Patty S. Hill.....Assistant Professor of Kindergarten Education in Teachers College
Diploma, Louisville Free Kindergarten Association Training School, 1888.

Azubah J. Latham....Assistant Professor of Oral English in Teachers College
B.A., Boston University, 1880; Diploma, Boston School of Expression, 1890.

William H. McCastline...Assistant Professor of Physical Education in Teachers College
M.D., Columbia, 1903.

William Noyes.....Assistant Professor of Industrial Arts in Teachers College
A.B., Amherst, 1884; A.M., 1905.

Mrs. Mary D. Swartz Rose.....Assistant Professor of Household Arts in Teachers College
B.L., Dennison, 1901; Diploma, Mechanics Institute, Rochester, 1902; B.S., Columbia, 1906; Ph.D., Yale, 1909; Diploma, Teachers College, 1906.

Henry A. Ruger....Assistant Professor of Educational Psychology in Teachers College
A.B., Beloit, 1895; A.M., Chicago, 1905; Ph.D., Columbia, 1910.

Clifford B. Upton....Assistant Professor of Mathematics in Teachers College
A.B., Michigan, 1902; A.M., Columbia, 1907; Master's Diploma, Teachers College, 1907.

May B. Van Arsdale.....Assistant Professor of Household Arts in Teachers College
B.S., Columbia, 1905; Diploma, Teachers College, 1893.

LaMont A. Warner.....Assistant Professor of Household Arts in Teachers College
Diploma, Pratt Institute, 1898.

J. Ramsay Hunt...Chief of Clinic and Associate Professor of Neurology
M.D., Pennsylvania, 1893.

Charles N. B. Camac.....Assistant Professor of Clinical Medicine
M.D., Pennsylvania, 1895.

Ernst Daenell, Ph.D.....Kaiser Wilhelm Professor of German History and Institutions for the year 1910–11
Professor of Modern History in the University of Kiel.

Charles Alphonso Smith, Ph.D....Theodore Roosevelt Professor of American History and Institutions in the University of Berlin for the year 1910–11
Professor of the English Language and Literature in the University of North Carolina.

Ferdinand Brunot, Litt.D.....Visiting Professor of French Literature for the year 1910–11
Professor of the History of the French Language in the University of Paris. Chevalier de la Légion d'Honneur.
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Special Lecturer for 1910–11

David Jayne Hill.....Lecturer on Carpentier Foundation
American Ambassador to Germany. A.B., Bucknell, 1874; A.M., University of Pennsylvania, 1877; LL.D., Colgate, 1883; University of Pennsylvania, 1902; Union, 1902; Litt.D., Geneva, 1906.
(1)

Clinical Professors

Francis P. Kinnicutt.....Professor of Clinical Medicine
A.B., Harvard, 1868; A.M., 1872; M.D., Columbia, 1871.

Frank Hartley.....Professor of Clinical Surgery
A.B., Princeton, 1877; LL.D., 1909; M.D., Columbia, 1880.

John S. Thacher.....Professor of Clinical Medicine
A.B., Yale, 1877; M.D., Columbia, 1880.

Walter F. Chappell.....Professor of Clinical Laryngology
M.D., University of Toronto, 1879.

Porter F. Chambers.....Professor of Clinical Gynecology
M.D., Bellevue Hospital Medical College, 1876.

Francis Huber.....Professor of Clinical Medicine
B.S., College of the City of New York, 1873; M.D., College of Physicians and Surgeons, 1877.

Alexander B. Johnson.....Professor of Clinical Surgery
Ph.B., Yale, 1882; M.D., Columbia, 1885.

Robert Lewis, Jr.....Professor of Clinical Otology
M.D., Columbia, 1885.

Otto G. T. Kiliani.....Professor of Clinical Surgery
M.D., Halle, 1888.

Jacob Kaufmann.....Professor of Clinical Medicine
M.D., Strassburg, 1885.

Rudolf C. Denig.....Professor of Clinical Ophthalmology
M.D., Würzburg, 1891.

Nathan E. Brill.....Professor of Clinical Medicine
M.D., New York University, 1880.

ARPAD G. GERSTER.....Professor of Clinical Surgery
M.D., Vienna, 1872.

FREDERICK KAMMERER.....Professor of Clinical Surgery
M.D., Freiburg, 1880.

EMANUEL LIBMAN.....Professor of Clinical Medicine
A.B., Colle e of the City of New York, 1891; M.D., Columbia, 1894.

NORBERT STADTMÜLLER.....Professor of Clinical Medicine
M.D., Munich, 1889.
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Associates

CHARLES T. POORE.....Associate in Clinical Surgery
M.D., Columbia, 1866; A.M., Williams, 1891.

ROBERT ABBE.....Associate in Clinical Surgery
A.B., College of the City of New York, 1870; M.D., Columbia, 1874.

FRANK R. OASTLER.....Chief of Clinic and Associate in Gynecology
A.B., Yale, 1891; M.D., Columbia, 1894.

LINNAEUS EDFORD LA FETRA.....Chief of Clinic and Associate in Diseases of Children
A.B., Wesleyan, 1891; M.D., Columbia, 1894.

FRANK S. MATHEWS.....Associate in Gynecology
B.S., Washington and Jefferson, 1890; M.D., Columbia, 1893.

WALTER A. BASTEDO....Associate in Pharmacology and Therapeutics
Ph.G., New York College of Pharmacy, 1894; M.D., Columbia, 1899.

WILLIAM C. CLARKE.....Associate in Surgery
M.D., Columbia, 1899.

HENRY S. PATTERSON.....Associate in Applied Therapeutics
A.B., Williams, 1896; M.D., Columbia, 1900.

NELLIS B. FOSTER.....Associate in Biological Chemistry
M.D., Johns Hopkins, 1902.

LINSLY RUDD WILLIAMS.....Associate in Clinical Medicine
A.B., Princeton, 1895; M.D., A.M., Columbia, 1899.

GEORGE J. BAYLES.....Associate in Ecclesiology
A.B., Columbia, 1891; A.M., 1892; LL.B., 1893; Ph.D., 1895.

FELLOWES DAVIS, Jr.....Associate in Clinical Obstetrics
M.D., Columbia, 1899.

CHARLES A. HARRIMAN.....Associate in Architecture

GEORGE MONTAGUE SWIFT.....Associate in Clinical Medicine
A.B., Amherst, 1876; A.M., 1879; M.D., Columbia, 1879.

T. STUART HART.....Associate in Medicine
A.B., Yale, 1891; A.M., 1893; M.D., Columbia, 1895.

LEWIS F. FRISSELL.....Associate in Medicine
A.B., Yale, 1895; A.M., 1897; M.D., Columbia, 1900.

ALWIN M. PAPPENHEIMER.....Associate in Pathology
A.B., Harvard, 1898; M.D., Columbia, 1902.

FREDERICK TILNEY.....Associate in Anatomy
A. B., Yale, 1897; M.D., Long Island College Hospital, 1903.

JOHN V. VAN PELT.....Associate in Architecture
Architecte Diplômé par le Gouvernement, École des Beaux-Arts, Paris.

WENDELL T. BUSH.....Associate in Philosophy
A.B., Brooklyn Polytechnic Institute, 1889; A.M., Harvard, 1898; Ph.D., Columbia, 1905.

HARVEY W. CORBETT.....Associate in Architecture
B.S., California, 1895; Architecte Diplômé par le Gouvernement, École des Beaux-Arts, Paris, 1900.

AUSTIN W. HOLLIS.....Associate in Clinical Medicine
M.D., Columbia, 1890.

FRANK E. WARD.....Associate in Music

ALFRED STILLMAN.....Associate in Anatomy
A.B., Harvard, 1903; M.D., Columbia, 1907.

ISAAC LEVIN.....Associate in Pathology
M.D., St. Petersburg, 1890.

EDWARD W. SCRIPTURE.....Associate in Psychiatry
Ph.D., Leipzig, 1891; M.D., Munich, 1906.

MABEL F. WEEKS.....Associate in English in Barnard College
A.B., Radcliffe, 1894.

WALTON MARTIN.....Associate in Surgery
Ph.B., Yale, 1889; M.D., Columbia, 1892.

ALBERT E. SUMNER.....Associate in Clinical Medicine
A.B., Amherst, 1889; M.D., Columbia, 1894; A.M., 1903.

HENRY W. BERG.....Associate in Diseases of Children
A.B., College of the City of New York, 1878; M.D., Columbia, 1881.

JOHN HOWLAND.....Associate in Diseases of Children
A.B., Yale, 1894; M.D., New York University Medical College, 1897; M.D., Cornell, 1898.

HERBERT S. CARTER.....Associate in Clinical Medicine
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.

T. LESLIE SHEAR.....Associate in Classical Philology
A.B., New York University, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1904.

FREDERIC MOIR HANES.....Associate in Pathology
A.B., University of North Carolina, 1903; A.M., Harvard, 1904; M.D., Johns Hopkins, 1908.

CHARLES CHRISTIAN LIEB.....Associate in Pharmacology and Therapeutics
A.B., Columbia, 1902; M.D., 1906.

GOLDTHWAITE H. DORR.....Associate in Law
A.B., Harvard, 1897; LL.B., Columbia, 1904.

WALTER H. EDDY.....Associate in Biological Chemistry
B.S., Amherst, 1898; A.M., Columbia, 1908; Ph.D., 1909.

MAX EASTMAN.....Associate in Philosophy
A.B., Williams, 1905.

WALTER BENSEL.....Associate in Hygiene and Preventive Medicine
M.D., Columbia, 1890.

ALBERT A. BERG.....Associate in Clinical Surgery
A.B., College of the City of New York, 1891; M.D., Columbia, 1894.

JACKSON E. REYNOLDS.....Associate in Law
A.B., Stanford University, 1896; LL.B., Columbia, 1899

JACOB ROSENBLOOM.....Associate in Biological Chemistry
B.S., Western University of Pennsylvania, 1905; Ph.D. and M.D., Columbia, 1909.

MAURICE PRÉVÔT.....Associate in Architecture
Diplômé École des Beaux-Arts, 1900.

WILLIAM H. WELKER.....Associate in Biological Chemistry
A.C., Lehigh, 1904; Ph.D., Columbia, 1908.

Instructors

Note—For the Instructors and other Officers not of Professorial Grade in Teachers College, in the College of Pharmacy, and those of the Summer Session and Extension Teaching, see the Table of Contents.

RICHARD FROTHINGHAM, M.D.....Instructor in Laryngology
CHARLES CONRAD SLEFFEL....Instructor in Industrial Arts in Teachers College
CHARLES W. WEICK, B.S.....Instructor in Wood-working and Pattern-making in Teachers College
ARTHUR M. SHRADY, M.D.....Chief of Clinic and Instructor in Hydrotherapy
CHARLES C. TROWBRIDGE, Sc.D.....Instructor in Physics
A. EMIL SCHMITT, M.D.....Instructor in Surgery
WARD A. HOLDEN, M.D.....Chief of Clinic and Instructor in Ophthalmology
HOWARD C. TAYLOR, M.D.....Instructor in Clinical Gynecology
HENRY H. TYSON, M.D.....Instructor in Ophthalmology
CLARENCE A. MCWILLIAMS, M.D.....Instructor in Clinical Surgery
ADRIAN VAN SINDEREN LAMBERT, M.D..Instructor in Clinical Surgery
ADAM M. MILLER, A.M.....Instructor in Anatomy
EUGENE HILLHOUSE POOL, M.D.....Instructor in Clinical Surgery
OLIVER S. STRONG, Ph.D.....Instructor in Anatomy
CHARLES I. PROBEN, M.D.....Instructor in Gynecology
GEORGE H. RYDER, M.D.....Instructor in Gynecology
WILLIAM SKARSTROM, M.D.....Instructor in Physical Education
SAMUEL W. THURBER, M.D.....Chief of Clinic and Instructor in Laryngology
PERCY R. TURNURE, M.D.....Instructor in Clinical Surgery
GERTRUDE M. HIRST, Ph.D.....Instructor in Classical Philology in Barnard College
EDWARD L. HUNT, M.D.....Instructor in Neurology
ROWLAND COX, M.D.....Instructor in Surgery
JAMES H. KENYON, M.D.....Instructor in Surgery
WALTER S. REYNOLDS, M.D.....Chief of Clinic and Instructor in Genito-Urinary Diseases
CHARLES H. JAEGER, M.D.....Chief of Clinic and Instructor in Orthopædic Surgery
EVERETT J. HALL.....Instructor in Assaying
FLOYD J. METZGER, Ph.D.....Instructor in Analytical Chemistry
HOWARD D. COLLINS, M.D.....Instructor in Clinical Surgery

HARRY L. PARR, A.B., Mech.E. . Instructor in Mechanical Engineering
T. LAURANCE SAUNDERS, M.D. . . . . Chief of Clinic and Instructor in Otology
HARMON SMITH, M.D. . . . . Instructor in Clinical Laryngology
JOHN H. P. HODGSON, M.D. . . . . Chief of Clinic and Instructor in Dermatology
SAMUEL OSGOOD MILLER, C.E. . . . . Instructor in Drawing
EDWARD F. KERN, Ph.D. . . . . Instructor in Metallurgy
D. STUART DODGE JESSUP, M.D. . . . Instructor in Clinical Pathology
JAMES I. RUSSELL, M.D. . . . . Instructor in Clinical Surgery
WILLIAM BLANCARD, M.D. . . . . Instructor in Genito-Urinary Diseases
EDWARD KNIGHT JUDD, A.B., E.M. . . . . Instructor in Mining
ARTHUR S. VOSBURGH, M.D. . . . . Instructor in Surgery
PERCY HERBERT WILLIAMS, M.D. . . . . Instructor in Gynecology
KARL A. CONNELL, M.D. . . . . Instructor in Surgery
HUGH B. BLACKWELL, M.D. . . . . Instructor in Clinical Otology
WILBUR WARD, M.D. . . . . Instructor in Obstetrics
WILLIAM DARRACH, M.D. . . . . Instructor in Clinical Surgery
HAVEN EMERSON, M.D. . Instructor in Medicine and Demonstrator of Physiology
THOMAS H. HARRINGTON, C.E. . . . . Instructor in Drawing
HAL T. BEANS, Ph.D. . . . . Instructor in Analytical Chemistry
HENRI F. MULLER, B. ès L. . Instructor in the Romance Languages and Literatures
LEIGHTON B. MORSE, Ph.D. . . . . Instructor in Physics
FRED H. ALBEE, M.D. . . . . Instructor in Orthopædic Surgery
ALFRED P. LOTHROP, Ph.D. . . . . Instructor in Biological Chemistry
HERMAN O. MOSENTHAL, M.D. . . . Instructor in Biological Chemistry and in Medicine
HUGH AUCHINCLOSS, M.D. . . . . Instructor in Pathology and in Surgery
FREDERICK H. BARTLETT, M.D. . . . . Instructor in Diseases of Children
THOMAS MCCHEYNE GUNN, A.M. . . . . Instructor in Mechanical Engineering
HENRY H. JANEWAY, M.D. . . . . Instructor in Surgery
RALPH W. LOBENSTINE, M.D. . . . . Instructor in Clinical Gynecology
HAROLD WORTHINGTON WEBB, Ph.D. . . . . Instructor in Physics
HERMANN FISCHER, M.D. . . . . Instructor in Clinical Surgery
DE WITT STETTEN, M.D. . . . . Instructor in Clinical Surgery
OTTO M. SCHWERDTFEGER, M.D. . . . . Instructor in Clinical Medicine
JULES V. HABERMAN, M.D. . . . . Instructor in Neurology and in Applied Therapeutics
CAVALIER HARGRAVE JOÜET, Ph.D. . . Instructor in Analytical Chemistry
ARTHUR COLON NEISH, Ph.D. . . . . Instructor in Chemistry
ROSCOE GUERNSEY, Ph.D. . . . . Instructor in Classical Philology
ELEANOR KELLER, A.M. . . . . Instructor in Chemistry in Barnard College

MAURICE A. LAMME, Ph.D. ..... Instructor in Mineralogy
FREDERICK W. J. HEUSER, A.M. ..... Instructor in the Germanic Languages and Literatures
ARTHUR RAY MAXSON, A.M. ..... Instructor in Mathematics
IDA HELEN OGILVIE, Ph.D. ..... Instructor in Geology in Barnard College
ALVAN A. TENNEY, Ph.D. ..... Instructor in Sociology
LEWIS P. SICELOFF, A.B. ..... Instructor in Mathematics
HAROLD C. BROWN, Ph.D. ..... Instructor in Philosophy
PAULINE HAMILTON DEDERER, A.M. ..... Instructor in Zoölogy in Barnard College
ALEXANDER O. BECHERT, A.M. ..... Instructor in the Germanic Languages and Literatures
MARION E. LATHAM, A.M. ..... Instructor in Botany in Barnard College
OTTO KRESS, Ph.D. ..... Instructor in Chemistry
ALLEN W. PORTERFELD, A.M ..... Instructor in the Germanic Languages and Literatures
EDGAR H. STURTEVANT, Ph.D. ..... Instructor in Classical Philology
WILLIAM C. KRATHWOHL, A.M. ..... Instructor in Mathematics
DINO BIGONGIARI, A.B. ..... Instructor in the Romance Languages and Literatures
ALLAN F. WESTCOTT, A.M. ..... Instructor in English
MAUDE A. HUTTMANN, A.M. ..... Instructor in History in Barnard College
CHESTER A. DARLING, Ph.D. ..... Instructor in Botany
GRACE LANGFORD, S.B. ..... Instructor in Physics in Barnard College
[1]BAYARD BOYESEN, A.B. ..... Instructor in English
JOHN W. TAYLOR, A.M. ..... Instructor in English
WILLIAM F. COOLEY, Ph.D. ..... Instructor in Philosophy
HARRISON R. STEEVES, A.M. ..... Instructor in English
CHARLES W. THOMAS, Mech.E. ..... Instructor in Mechanical Engineering
JOHN MAURICE NELSON, Ph.D. ..... Instructor in Organic Chemistry
HERMON W. FARWELL, A.M. ..... Instructor in Physics
HARRY L. HOLLINGWORTH, Ph.D. ..... Instructor in Psychology
HARRY WILFRED REDDICK, A.M. ..... Instructor in Mathematics
EDWARD D. THURSTON, Jr., A.B., Mech.E. ..... Instructor in Mechanical Engineering
LOUISE HOYT GREGORY, Ph.D. ..... Instructor in Zoölogy in Barnard College
FREDERICK W. HEHRE, E.E. ..... Instructor in Electrical Engineering
WILLIAM CABLER MOORE, Ph.D. ..... Instructor in Analytical Chemistry
HENRY H. L. SCHULZE, A.M. ..... Instructor in the Germanic Languages and Literatures
J. ENRIQUE ZANETTI, Ph.D. ..... Instructor in Analytical Chemistry
EUGENE E. AGGER, Ph.D. ..... Instructor in Economics
JULIANA S. HASKELL, Ph.D. ..... Instructor in the Germanic Languages and Literatures in Barnard College

[1] Absent on leave second half-year.

Otto Hensel, M.D. ..... Instructor in Clinical Medicine
Frederick T. Van Beuren, Jr., M.D. .... Chief of Clinic and Instructor in Surgery
Leander H. Shearer, M.D. ..... Instructor in Clinical Medicine and Demonstrator of Physiology
Charles H. Smith, M.D. ..... Instructor in Anatomy
James S. Macgregor, M.S. ..... Instructor in Civil Engineering
Isaac O. Woodruff, M.D. ..... Instructor in Clinical Medicine
Howard H. Mason, M.D. .,. Chief of Clinic and Instructor in Medicine
William W. Herrick, M.D. .. Chief of Clinic and Instructor in Medicine
Max Schulman, M.D. ..... Chief of Clinic and Instructor in Applied Therapeutics
Frederick B. Humphreys, M.D. ..... Instructor in Pathology
Henry E. Hale, Jr., M.D. .... Chief of Clinic and Instructor in Applied Therapeutics
Franklin M. Class, M.D. ..... Instructor in Applied Therapeutics
Harold B. Curtis, Ph.D. ..... Instructor in Mathematics
Franklin C. Fette, Ph.B. ..... Instructor in Physical Education
James Kip Finch, C.E. ..... Instructor in Civil Engineering
Edward J. Fortier, A.B. ..... Instructor in the Romance Languages and Literatures
Arthur Lowell Herrick, B.S., C.E. ..... Instructor in Mechanical Engineering
Nels J. Lennes, Ph.D. ..... Instructor in Mathematics
Henry H. M. Lyle, M.D. ..... Instructor in Surgery
Charles W. McMurtry, M.D. ..... Instructor in Dermatology
Alfred Michaelis, M.D. ..... Instructor in Otology
Ernest H. Wright, Ph.D. ..... Instructor in English
Ernest D. Clark, A.M. ..... Instructor in Biological Chemistry
Robert A. Lambert, M.D. ..... Instructor in Pathology
Dudley S. Conley, M.D. ..... Instructor in Clinical Surgery
Matthew L. Carr, M.D. ..... Instructor in Otology
James G. Dwyer, M.D. ..... Instructor in Bacteriology
Allen O. Whipple, M.D. ..... Instructor in Clinical Surgery

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Demonstrators

Arthur Walker Bingham, M.D. ..... Demonstrator of Physiology and Assistant in Diseases of Children
Harry M. Keator, M.D. ..... Demonstrator of Physiology
Ralph G. Stillman, M.D. . Demonstrator of Physiology and Assistant in Applied Therapeutics
William K. Terriberry, M.D. ..... Demonstrator of Physiology
Charles R. L. Putnam, M.D. ..... Demonstrator of Anatomy
Alfred J. Brown, M.D. ..... Demonstrator of Anatomy

RICHARD DERBY, M.D. ..... Demonstrator of Anatomy
JOHN C. VAUGHAN, M.D. .. Demonstrator of Anatomy and Assistant in Surgery
(8)

Lecturers and other Special Officers of Instruction

ABRAHAM YOHANNAN, Ph.D. ..... Lecturer in Oriental Languages
ERNST D. RICHARD, Pd.D. ..... Lecturer on the History of German Civilization
ADOLPH F. BANDELIER ..... Lecturer in American Archæology
FRANCIS A. NELSON, B.S., A.D.G[1] ..... Lecturer in Architecture
WILLIAM S. DAY, Ph.D. ..... Lecturer in Physics
WILLIAM K. GREGORY, Ph.D. ..... Lecturer in Zoölogy
ELIHU C. CHURCH, C.E. ..... Lecturer in Civil Engineering
WALTER B. PITKIN, A.B. ..... Lecturer in Philosophy
EDWARD MCCHESNEY SAIT, A.M. ..... Lecturer in History
BRANDRETH SYMONDS, M.D. ..... Lecturer on Life Insurance
ELVIRA WOOD, Ph.D. ..... Curator in Geology
RICHARD FRANZ BACH, A.B. ..... Lecturer in Architecture
CHARLES DOWNER HAZEN, Ph.D. ..... Lecturer in History
NICHOLAS A. KOENIG, Ph.D. ..... Gustav Gottheil Lecturer in Semitic Languages
ROBERT L. SCHUYLER, Ph.D. ..... Lecturer in History
FREDERICK A. VANDERBURGH, Ph.D. ..... Lecturer in Semitic Languages
JAMES F. MCCLELLAND, E.M. ..... Lecturer in Mining
FREDERICK W. WITHERELL, S.B. ..... Lecturer in Civil Engineering
CHARLES DOWNING LAY ..... Lecturer in Landscape Architecture
HAROLD C. CAPERN ..... Lecturer in Landscape Architecture
TERRUCCIO VITALE ..... Lecturer in Landscape Architecture
FREDERIC LYMAN WELLS, Ph.D. ..... Lecturer in Psychology
(22)

Assistants

PETER IRVING, M.D. ..... Assistant in Clinical Pathology
CURTENIUS GILLETTE, M.D. ..... Assistant in Clinical Medicine
EDWARD CUSSLER, M.D. ..... Assistant in Clinical Pathology
SIDNEY V. HAAS, M.D. ..... Assistant in Diseases of Children
WILLARD L. SEVERINGHAUS, A.M. ..... Assistant in Physics
HERBERT B. WILCOX, M.D. ..... Assistant in Diseases of Children
ROBERT M. BROWN, A.B., M.D. ..... Assistant in Clinical Obstetrics
FREDERICK JAMES BARRETT, M.D. ..... Assistant in Clinical Medicine
LILIAN BRANDT, M.A. ..... Assistant in Social Economy
MARGARET A. KINGSLEY, A.M. .. Assistant in Botany in Barnard College
GAILLARD S. ROGERS, A.B. ..... Assistant in Mineralogy
LEWIS M. SILVER, M.D. ..... Assistant in Diseases of Children

[1] Architecte Diplômé par le Gouvernement Français.

LEON E. PENDER, A.M. ..... Assistant in Physics
WILLIAM S. NELMS, A.M. ..... Assistant in Physics
RANSOM S. HOOKER, M.D. ..... Assistant in Surgery
JAMES R. WHITING, M.D. ..... Assistant in Surgery
JOSEPH S. CORBETT, A.B. ..... Assistant in Mathematics
BERNARD O. DODGE, Ph.B. ..... Assistant in Botany
FRANK ERDWURM, M.D. ..... Assistant in Clinical Medicine
JAMES E. GRAY, A.B. ..... Assistant in Mathematics
WILLIAM A. HALLER, A.B. ..... Assistant in English
JESSE E. HYDE, A.M. ..... Assistant in Palæontology
BURTON W. KENDALL, S.B. ..... Assistant in Physics
FRANK L. MASON, E.E. ..... Assistant in Electrical Engineering
AARON FRANKLIN SHULL, A.B. ..... Assistant in Zoölogy
CECILIA M. SILLCOX, A.B. .. Assistant in Chemistry in Barnard College
ANDREW W. JACKSON, A.M. ..... Assistant in Physics
ELIZABETH C. COOK, A.M. ..... Assistant in English in Barnard College
FREDERICK P. WHITAKER, LL.B. ..... Assistant in Law
ISIDOR GREENWALD, B.S. ..... Assistant in Biological Chemistry
CHARLES HERRMAN, M.D. ..... Assistant in Diseases of Children
ANDREW B. YARD, M.D. ..... Assistant in Diseases of Children
JESSE E. BEANS ..... Assistant in Drawing
ROBERT F. MCCRACKAN, B.S. ..... Assistant in Analytical Chemistry
CARLOTTA J. MAURY, Ph.D. ..... Assistant in Geology in Barnard College
EDWARDS A. PARK, M.D. ..... Assistant in Medicine
DANIEL DALE CONDIT, A.M. ..... Assistant in Geology
JOHN F. DASHIELL, A.M. ..... Assistant in Philosophy
KATHARINE S. DOTY, A.M. ..... Assistant in History in Barnard College
KIRBY DWIGHT, M.D. ..... Assistant in Surgery
HARRY LINN FISHER, A.M. ..... Assistant in Organic Chemistry
HARRIET RUTH FOX, A.B. ..... Assistant in English in Barnard College
ALEXANDER GOLDENWEISER, Ph.D. ..... Assistant in Anthropology
GRACE HARRIET GOODALE, A.B. ..... Assistant in Classical Philology in Barnard College
ABRAHAM GROSS, Ph.D. ..... Assistant in Analytical Chemistry
JULIAN C. HINES, Jr., M.S. ..... Assistant in Physics
J. GARDNER HOPKINS, M.D. ..... Assistant in Clinical Pathology
ARTHUR LEFFERTS HUTTON, M.D. ..... Assistant in Applied Therapeutics
HENRY JAMES, M.D. ..... Assistant in Medicine
MATTHEW T. MCCLURE, Jr., M.A. ..... Assistant in Philosophy
EDWARD NORRIS MILLIKEN, A.M. ..... Assistant in Chemistry
CHARLES PACKARD, M.S. ..... Assistant in Zoölogy
HAROLD PERRINE, A.M. ..... Assistant in Civil Engineering
ALBERT T. POFFENBERGER, Jr., A.M. ..... Assistant in Psychology
ANTON R. ROSE, B.S. ..... Assistant in Biological Chemistry
MORTIMER F. SAYRE, E.M. ..... Assistant in Civil Engineering

Frederick W. Schwartz, B.S. Laboratory Assistant in Physical Chemistry
Reuben Ottenberg, M.D. ..... Assistant in Biological Chemistry
Clayton S. Smith ..... Assistant in Biological Chemistry
E. Stagg Whitin, Ph.D ..... Assistant in Social Legislation
George A. Scott, B.S ..... Assistant in Physics
Robert G. Snyder, M.D ..... Assistant in Clinical Pathology and in Clinical Medicine
Arthur W. Swann, M.D ..... Assistant in Medicine
Henry C. Thacher, M.D ..... Assistant in Medicine
John W. Todd, A.M ..... Assistant in Psychology
(65)

CLINICAL ASSISTANTS AT THE VANDERBILT CLINIC

Officers of instruction holding appointments in addition to that of Clinical Assistant are not included in this list. A complete list of the Clinical Assistants in each subject will be found at the head of the appropriate Departmental Statement.

In Medicine

Julius W. Weinstein, M.D.
Morris D. Keller, M.D.
George Lichtenstein, M.D.
J. W. Dounce, M.D.
Alfred C. Henderson, M.D.
D. Clifford Martin, M.D.
Archibald McI. Strong, M.D.
Arthur Middleton Jacobus, M.D.
H. Austin Cossitt, M.D.
John McCabe, M.D.
David S. Likely, M.D.
E. Garnsey Brownell, M.D.
M. Heminway Merriman, M.D.
Henry C. Fleming, M.D.
Bernard Frankel, M.D.

In Surgery

Noel B. Leggett, M.D.
Rolfe Kingsley, M.D.
Gouverneur M. Phelps, M.D.

In Orthopædic Surgery

Sigmund Epstein, M.D.
Irving Steinhardt, M.D.
William Frieder, M.D.

In Neurology

Charles E. Atwood, M.D.
H. R. Humphries, M.D.
E. J. McEntee, M.D.
J. E. Clark, M.D.
J. L. Macumber, M.D.
Christopher C. Beling, M.D.
William V. B. Garretson, M.D.
Smith Ely Jelliffe, M.D.
Abraham Brill, M.D.
Robert E. Pou, M.D.
J. C. Fisk, M.D.

In Gynecology

William L. Bradley, M.D.
Harold D. Meeker, M.D.
Augustine W. Roff, M.D.

In Ophthalmology

Christopher J. Astle, M.D.
Nathan Goodfriend, M.D.
Gerald H. Grout, M.D.
Michael A. Conboy, M.D.

In Laryngology

(Including Diseases of the Larynx, Pharynx, and Nasal Passages)

A. P. Coll, M.D.
John Leshure, M.D.
F. Conger Smith, M.D.
Irving W. Voorhees, M.D.
C. D. Van Wagenen, M.D.
T. Joseph Barry, M.D.
Charles Osgood, M.D.
Charles A. Whiting, M.D.
E. Willis Kobler, M.D.

In Dermatology

John Aldrich, M.D.
J. D. Gold, M.D.
George Howard Fox, M.D.
Charles T. Dade, M.D.
S. Dana Hubbard, M.D.
Selden Irwin Rainforth, M.D.
William H. Morrison, M.D.

In Diseases of Children

Ira S. Wile, M.D.
Irving D. Steinhardt, M.D.
P. Clinton Pumyea, M.D.
George Augustus Schnepel, M.D.
B. Wallace Hamilton, M.D.
Theodore J. Abbott, M.D.

In Genito-Urinary Diseases

Walter B. Brouner, M.D.
Bernard Kohn, M.D.
James Albert Cowan, M.D.
J. Emmet Tower, M.D.
Maynard S. Owen, M.D.
John C. McCarthy, M.D.
J. Bethune Stein, M.D.

In Applied Therapeutics

F. G. Goodridge, M.D.
Morris Fink, M.D.
William B. Boyd, M.D.
Max Nisselson, M.D.
Henry M. Moretsky, M.D.
Alexander Goldman, M.D.
Paul Bartholow, M.D.
Athel C. Burnham, M.D.

In Hydrotherapy

Albert J. Wittson, M.D.

In Psychiatry

Menas S. Gregory, M.D.
Abraham Brill, M.D.
C. F. Haviland, M.D.
Robert Edward Pou, M.D.

Columbia University in the City of New York

GENERAL STATEMENT

Historical [1]

On October 31, 1754, Letters Patent were issued incorporating THE GOVERNORS OF THE COLLEGE OF THE PROVINCE OF NEW YORK IN THE CITY OF NEW YORK IN AMERICA, and providing for the establishment of a College to be known as King's College "for the Instruction and Education of Youth in the Learned Languages and in the Liberal Arts and Sciences." The conclusion of the announcement issued in the same year reads: "A serious, virtuous, and industrious Course of Life being first provided for, it is further the Design of this College, to instruct and perfect the Youth in the learned Languages, and in the Arts of Reasoning exactly, of Writing correctly, and Speaking eloquently: And in the Arts of Numbering and Measuring, of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government; and in the Knowledge of all Nature in the Heavens above us, and in the Air, Water, and Earth around us, and the various Kinds of Meteors, Stones, Mines and Minerals, Plants and Animals, and of every Thing useful for the Comfort, the Convenience, and Elegance of Life, in the chief Manufactures relating to any of these things: And finally, to lead them from the Study of Nature, to the Knowledge of themselves, and of the God of Nature, and their Duty to Him, themselves, and one another; and every Thing that can contribute to their true Happiness both here and hereafter." The Revolutionary War interrupted the active work of the College, which numbers Alexander Hamilton, of the Class of 1774, among its graduates.

In 1784, the Legislature of the State of New York passed an act incorporating the "REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK," vesting the property of King's College in the Regents, and changing the name of the College to Columbia College. In 1787, this was repealed, and a statute passed confirming the charter of 1754

[1] The attention of those interested in the historical development of the University is called to *The History of Columbia University*, 1754–1904 (pp. xiii + 493), published in Commemoration of the One Hundred and Fiftieth Anniversary of the Founding of King's College, by the Columbia University Press through The Macmillan Co., New York, and to various articles in the *Columbia University Quarterly*.

for Columbia College, and specifying "that the style of the said corporation shall be, The Trustees of Columbia College in the City of New York."

In 1810, the charter was again amended in certain particulars at the request of the Trustees, and re-enacted, but the corporate title remained and still continues unchanged. The title to all corporate property is vested in a board of twenty-four Trustees, whose term of office is for life, and who form a self-perpetuating body, exercising the power of appointment as to all officers of instruction and administration and general oversight and control of the affairs of the University. In 1909 provision was made for the nomination by the Alumni of six of the twenty-four Trustees (see p. 466).

Organization

In 1896, the Trustees approved the use of the title Columbia University in the City of New York, and in 1897 the work of the University was begun at Morningside Heights.

The PRESIDENT has charge of the educational administration of the University and is Chairman of the University Council and of every faculty established by the Trustees. The Treasurer of the corporation elected by the Trustees has charge of the financial administration of the University. The other principal administrative officers are the Deans, and the Director of the Summer Session and of Extension Teaching, who under the general supervision of the President have immediate charge of the Educational work of the University; the Librarian, the Chaplain, the Consulting Engineer, the Secretary of the University, the Registrar, the Alumni Secretary, the Bursar, and the Superintendent of Buildings and Grounds.

The UNIVERSITY COUNCIL (see p. 3) is a representative body consisting of the President, the Deans, certain other executive officers, and two members elected from each of the several faculties. Subject to the reserved power of control by the Trustees, it is the function of the Council (*a*) to control the award of the higher degrees, to secure the correlation of courses with a view to increasing the efficiency and enlarging the range of University work, to encourage original research, and to adjust all questions involving more than one faculty; (*b*) to make recommendations, both to the Trustees and to the several faculties, concerning the educational administration of the University, and advise the President upon such matters as he may bring before it; (*c*) to appoint all Fellows and University Scholars and, within the limits of the Statutes, make rules for their government (see page 434).

The University includes the following:

COLUMBIA COLLEGE (see p. 192) offers a program of studies leading to the degrees of Bachelor of Arts and Bachelor of Science.

Emphasis is placed upon the quality of the student's work rather than upon the time spent in residence, and this combined with the close co-ordination of the work of the Summer Session with that of the College makes it possible for a well prepared candidate to complete the

requirements for the bachelor's degree in three and one-half or three years. The program provides not only for those students who wish to devote their entire time to undergraduate work, but for those who desire during their collegiate residence to prepare themselves for advanced standing in some professional course of study. As a preliminary to any professional courses the University strongly recommends at least two years of collegiate work, and candidates for professional degrees who are not already college graduates are advised to take advantage of the opportunities offered through Columbia College for a combination of general and professional studies which will lead to the bachelor's degree in arts or science, in addition to a professional degree in law, medicine, mining, engineering, and chemistry, teaching, or fine arts, in six years.

Schools and Faculties

BARNARD COLLEGE (see p. 335), founded in 1889, is a separate corporation. As an undergraduate college for women, however, it bears the same relation to the educational system of Columbia University as does Columbia College for men. The requirements for admission and the standard of scholarship are of the same grade. The students receive their instruction in the Barnard College buildings. The degree of Bachelor of Arts or Bachelor of Science is conferred upon its graduates by the University on the recommendation of the Faculty of Barnard College. (For the regulations governing candidates for an academic degree and a diploma in teaching, see p. 341.)

The other faculties of the University offer advanced courses of study and investigation leading to appropriate degrees and certificates in (*a*) law, (*b*) medicine, (*c*) philosophy, education, philology, and letters, (*d*) history, economics and social science, and public law, (*e*) mathematics and natural science, (*f*) mines, engineering, and chemistry, (*g*) fine arts, and (*h*) pharmacy. Women students are not admitted to the courses in law, medicine, or engineering.

The division of the University into faculties and schools neither controls nor limits the student in his freedom of electing, under one or several of the faculties, courses that lead to the degrees of Master of Arts and Doctor of Philosophy (see p. 185). Advanced courses and opportunities for original research leading primarily to these degrees are offered by:

THE FACULTY OF PHILOSOPHY (see p. 280), in philosophy and education, psychology and anthropology, classical philology, English, comparative literature, and the Germanic, the Romance, and the Oriental languages;

THE FACULTY OF POLITICAL SCIENCE (see p. 277), in history and political philosophy, economics and social science, and public law and comparative jurisprudence;

THE FACULTY OF PURE SCIENCE (see p. 283), in mathematics, astronomy, physics (mathematical and experimental), chemistry, mineral-

ogy, geology, zoölogy, botany, psychology, physiology, anatomy, bacteriology, embryology, biological chemistry, pathology, and engineering in its various branches;

The School of Law (see p. 214), established in 1858, offers a course of three years in the principles and practice of private and public law, leading to the degree of Bachelor of Laws;

The College of Physicians and Surgeons (see p. 228), founded in 1807, offers a course of four years in the principles and practice of medicine and surgery, leading to the degree of Doctor of Medicine;

The School of Mines (see p. 245), founded in 1863, offers four-year courses of study in mining and metallurgical engineering, leading to a professional degree;

The Schools of Engineering and Chemistry (see p. 245), set off from the School of Mines in 1896, offer four-year courses, leading to appropriate professional degrees in chemistry and chemical engineering and in civil, sanitary, electrical, and mechanical engineering; similar courses in forest and agricultural engineering are in process of organization;

The Faculty of Fine Arts (see p. 318), was organized in 1906 and given jurisdiction over the following Schools: Architecture (founded as a department in 1880), Music (founded as a department in 1896), Design (1906); and offers courses of study of indeterminate length, leading to appropriate degrees and certificates in Architecture and Music, and, in co-operation with the National Academy of Design (see p. 326), to a certificate in Design;

Teachers College (see p. 354), founded in 1888 and chartered in 1889, was included in the University in 1898. It is a separate corporation, but takes academic rank in the University system as a professional school for teachers. It offers the following courses of study: (*a*) graduate courses leading to the doctor's diploma or to the master's diploma; and simultaneously to the master's and doctor's degrees under the faculty of Philosophy; (*b*) professional courses, each of two years, based upon two years of collegiate study, leading to the bachelor's diploma for teachers and supervisors in kindergartens or elementary schools, or for specialists in fine arts, household arts, industrial arts, music, and physical education; and to the degree of Bachelor of Science in Education;

The College of Pharmacy (see p. 394), is, similarly, a separate corporation. It offers University courses leading to the degrees of Pharmaceutical Chemist and Doctor of Pharmacy.

By agreement with Mr. Joseph Pulitzer of New York, executed July 20, 1903, Columbia University will establish in the future a School of Journalism, for which purpose Mr. Pulitzer has given to the University the sum of one million dollars.

In co-operation with Yale University, courses are offered designed

to prepare students for work in foreign countries, either in the service of the United States Government or otherwise (see p. 278).

A provisional course of study in PREVENTIVE MEDICINE has been approved and the courses will be put into operation when the necessary funds have been made available.

The University maintains a SUMMER SESSION (see p. 404), of six weeks' duration, in which are offered courses that are accepted in partial fulfilment of the requirements of certain academic degrees and of the diplomas in teaching. The same academic standards are maintained as in the courses offered from September to June.

Through its system of EXTENSION TEACHING (see p. 409), the University offers to men and women, especially to those engaged in teaching, who can give only a portion of their time to study, an opportunity to pursue subjects included in a liberal education and to make progress, if they so desire, toward a diploma in teaching or an academic degree.

The several Departments of Study maintained by the University, including Barnard College, Teachers College, and the College of Pharmacy, grouped in divisions, are as follows:

Departments and Divisions

ANCIENT AND ORIENTAL LANGUAGES AND LITERATURES: Classical Philology, Chinese, Indo-Iranian, and Semitic Languages.

BIOLOGY: Anatomy, Bacteriology, Botany, Physiology, Pathology, Embryology, Biological Chemistry, and Zoölogy.

CHEMISTRY: Chemistry and Biological Chemistry.

EDUCATION (FACULTY OF TEACHERS COLLEGE).

ENGINEERING: Civil Engineering, Electrical Engineering, Mechanical Engineering, and Engineering Drafting.

FINE ARTS (FACULTY OF FINE ARTS): Architecture, Comparative Literature, Fine Arts, and Music.

GEOLOGY, GEOGRAPHY, AND MINERALOGY: Geology, Geography, and Mineralogy.

HISTORY, ECONOMICS, and PUBLIC LAW (FACULTY OF POLITICAL SCIENCE): Economics, Social Economy, Sociology and Statistics, History, and Public Law and Jurisprudence.

MATHEMATICAL AND PHYSICAL SCIENCE: Astronomy, Mathematics, and Physics.

MEDICINE (COLLEGE OF PHYSICIANS AND SURGEONS).

MINING AND METALLURGY: Metallurgy and Mining.

MODERN LANGUAGES AND LITERATURES: Comparative Literature, English, Celtic, Germanic, and Romance Languages.

PHARMACY (COLLEGE OF PHARMACY).

PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY: Anthropology, Philosophy, and Psychology.

PHYSICAL EDUCATION: Physical Education.

PRIVATE LAW (FACULTY OF LAW).

Announcements

The Announcements of each College or School, of the Summer Session, of Extension Teaching, and of the several Divisions, are issued annually or biennially in the form of Bulletins of Information, and may be obtained without charge from the Secretary of the University.

GENERAL REGULATIONS

STATUS OF STUDENTS

A student may enter Columbia University as either:

1. A matriculated student accepted by the University as having fulfilled the preliminary qualifications for candidacy for a degree, certificate of proficiency, or diploma. A period of regular attendance upon all stated academic exercises [1] amounting to at least one academic year must be completed by each candidate; or

2. A non-matriculated student, permitted to attend such courses as he may be qualified to take but not regarded as a candidate for a degree, certificate of proficiency, or diploma. Non-matriculated students may, however, receive a formal statement as to the satisfactory completion of any course or courses.

In the announcement of each faculty will be found the conditions governing the admission of matriculated and non-matriculated students to courses under that faculty.

Under the Statutes every student is admitted subject to the disciplinary powers of the University authorities. The President is empowered to administer discipline and to authorize the Deans of the several faculties to do so on his behalf.

REGISTRATION

Before attending any University exercises each student must register, *i. e.*, must present himself in person to furnish the information necessary for the University records and to file a statement of the courses he is authorized to pursue (for the matriculation or registration fee, payable but once, see p. 39). The central office of the Registrar, 201 East Hall, and the offices at the College of Physicians and Surgeons, 437 West 59th Street, at the College of Pharmacy, 115 West 68th Street, and at Barnard College and Teachers College, will be open for registration on February 6 and 7, 1911, from September 20 to September 26, 1911, and on February 5 and 6, 1912. New students may also register on the day following each of these periods. Those unable to complete their registration may file a

[1] Students prevented by conscientious scruples from complying with academic requirements which may be fulfilled only upon days set apart by their church for religious observance, should make application to the appropriate University authority for equitable relief.

provisional statement within the statutory period. Students registering late are charged an additional fee of $5 and are held accountable for absences thus incurred.

To qualify for the receipt of their stipends, Fellows and Scholars must report to the Registrar upon the first day of each half-year.

The requirements for graduation may be completed at any time during the year, but diplomas are issued only at commencement and at the beginning of each half-year.

Withdrawal

An honorable discharge is granted to any adult student in good standing who may desire to withdraw from the University; a minor must submit the written assent of his parent or guardian.

Students withdrawing from the University are requested to notify the Registrar. No application for a return of fees can be considered unless written notice be given at the time of withdrawal.

The Dean of any faculty may for reasons of weight grant a leave of absence to a student in good standing.

FEES

The regulations as to fees adopted by the Trustees of Columbia College in the City of New York are at present as follows. They are subject to change by them at their discretion. The President is under instructions to withdraw the privileges of students delinquent in payment after the second Wednesday of each half-year.

(*a*) *For Matriculation or Registration:* Required of all students before entrance, payable but once..... $ 5

For Late Registration (see above)..... 5

(*b*) *For Tuition*, payable at the beginning of each half-year:

For Matriculated Students:

In the College, per point (see page 192)..... 5

To be paid for the total number of points [1] for which the student is permitted to register; with extra charges for certain allowed professional courses, not to exceed $50 in any half-year.

In the School of Law.....per half-year 75

In the College of Physicians and Surgeons..... " " 125

In the Schools of Mines, Engineering, and Chemistry (exclusive of certain summer-course fees, see pages 41–42).....per half-year 125

In the Schools of Fine Arts..... " " 75–100

In Architecture the fees are at the rate of $100 per half-year, except that a student who lacks less than 14 points

[1] A " point" is the equivalent of attendance one hour a week for one half-year in class-room exercises, or two hours a week for one half-year in laboratory exercises.

for the degree or certificate is charged at the rate of $7.50 per point. In Music the fees are at the rate of $7.50 per half-year for each hour of attendance a week up to a maximum of $75.

Candidates for the degrees of Master of Arts and Doctor of Philosophy, exclusive of laboratory fees (see page 41) and of charges, not to exceed $50, for certain professional courses.....per half-year $ 75

With a minimum fee of $150 for courses taken to fulfil the requirements of the degree of Master of Arts, irrespective of the aggregate number of hours occupied by such courses and irrespective of the regulations governing fees for Summer Session courses taken to fulfil the requirements for that degree.

With a minimum fee of $300 for courses taken to fulfil the requirements of the degree of Doctor of Philosophy, irrespective of the aggregate number of hours occupied by such courses; unless, because of having passed at least one year in graduate study in an approved university, the candidate may be excused from attending for a longer period than one year in Columbia University, in which case the minimum tuition fee is $150.

For Non-Matriculated Students (and matriculated students taking part time).

For Tuition, at the rate of $7.50 per half-year for each hour of attendance per week on lectures, or recitations with a maximum fee, exclusive of charges, not to exceed $50, for certain professional courses per half-year..... 75

With the following exceptions:

In the School of Medicine and in the Schools of Mines, Engineering, and Chemistry, the maximum fee per half-year is $125, and in Columbia College and the School of Architecture $100. For other fees see pages 41–42.

For laboratory instruction, except in Columbia College,—where it is charged for by points,—$7.50 per half-year for each two hours weekly, with a maximum of $25 per half-year when the number of hours weekly of such instruction does not exceed nine, and $40 per half-year when the number of hours weekly exceeds nine.

For All Students, matriculated or non-matriculated, in the Summer Session, for any course or courses aggregating not more than six points..... 30

For courses aggregating more than six points..... 35–40

For Students in Extension Teaching per half-year, hour (two laboratory hours counting as one)..... 5

(*c*) *For Examinations, payable in each case before examination is held:*

For entrance (see pp. 173 *et seq.*)	$ 5
For any deficiency examination or series of deficiency examinations held in the week preceding the opening of the first half-year, for each course	5
with a maximum fee of	25
For a deficiency examination at any other time than in the period designated above, whether taken at the conclusion of a course repeated by the student (except in Columbia College) or without such repetition, for each course	5
For special examinations at unusual times:	
For admission, for the series	5
For removal of deficiencies in course, for each subject	5
For the degree of Doctor of Philosophy	35

(*d*) *For Degrees, payable on or before the ultimate date fixed by the University calendar for the filing of applications for the respective degrees:*

For the Bachelor's degree (not professional or technical)	15
For any professional or technical degree or certificate	25
For the Foreign Service certificate	10
For the degree of Master of Arts	25

(*e*) *For Use of the Gymnasium and Baths, and the exclusive use of a locker* 7

Required of all students except the following, who are exempt:

(1) Students in the Graduate Faculties, students in Medicine and Pharmacy and those in other professional schools who hold an academic degree, and students in Extension Teaching, unless they shall elect to use the privileges of the Gymnasium;

(2) Students presenting the certificate of the Director of the Gymnasium, showing actual physical disability.

Summer Session, optional 5

For the fees prescribed by the Trustees of Barnard College, Teachers College, and the College of Pharmacy see the separately printed Announcements.

Laboratory and Other Special Fees and Deposits

The Statutes provide that students taking laboratory or field courses or making use of the laboratories may be charged a fee therefor in accordance with a schedule prepared by the department concerned and on file in the Office of the Registrar. A deposit for the use of the apparatus, material, and other like purpose shall also be charged.

Summer Courses in Surveying, Mining, and Geodesy

Laboratory fees, payable on or before the last Saturday in May, are required as follows: Civil Engineering course No. 15, $25, or $6

per survey; No. 25 and No. 27, $15, or $3.50 per survey; No. 26, $5; No. 28 and No. 71, $10.

Non-candidates, candidates for admission to and students having entered with advanced standing, who may be required to attend these courses, and students required to repeat them through delinquency, are charged, in addition, tuition fees as follows: No. 15, $35; No. 25, No. 27, No. 28, and No. 71, $25; No. 26, $10. Students registered in Columbia College who have paid an additional fee under the operation of this rule receive an equitable credit upon completing the requirements for a professional degree.

Candidates for admission to advanced standing who attend the Summer Course in Practical Mining are required to pay therefor a fee of $50. All students attending the Summer Course in Geodesy must pay a fee of $20 for the course.

For further details as to the administration of these fees, see special *Announcement of the Schools of Mines, Engineering, and Chemistry.*

Deposits for Apparatus Supplies and for Keys to Desks and Lockers

A deposit for the use of lockers, keys, apparatus, material, and the like, ranging from $2 to $40, is required of students in Mines, Engineering, Chemistry, and Architecture. At the end of the year each student will be credited with those articles which he returns in good order, and the value of those he has injured or broken will be deducted from his deposit. Details may be obtained from the Bursar.

Comparative Statement of Students' Probable Expenses for the Academic Year, October to June

BASED ON STUDENTS' STATEMENTS

	Low	Average	Liberal
Matriculation Fee (First Year)	$ 5	$ 5	$ 5
Tuition Fee [1]	150	150	150
Gymnasium Fee	7	7	7
Books	18	30	40 up
Incidentals	7	15	33 "
Residence Hall (39 weeks)	100	128	180 "
Commons (39 weeks)	150	191	236 "
Clothes and Washing	46	80	125 "
All other expenses	24	57	100 "
Total	$507	$663	$876 up

[1] For Medicine and Mines, Engineering and Chemistry, add $100, and for Architecture add $50. Students in Mines, Engineering, and Chemistry should also make provision for deposits for apparatus ranging from $10 to $40 and for Summer Courses.

Residence Halls and University Commons

(See page 49)

COMMITTEE ON EMPLOYMENT FOR STUDENTS

Professor KEMP, Chairman; Professors FISKE, HUNTINGTON, BURDICK, GIDDINGS, and TODD, and the Secretary and Registrar of the University, the Alumni Secretary, and the Secretary of Earl Hall. The Secretary of the Committee is P. C. H. Holter, A.B. 1907, to whom communications should be addressed. No fees are charged for the Committee's services.

The Employment Committee endeavors to give students who need it the opportunity to earn enough for partial or complete support and to extend assistance in other ways. Some of the openings available are: private tutoring, translating, addressing, sociological work, teaching in evening schools, stenography. During the year 1909–10 the student earnings reported to the Committee amounted to $166,777.49.

Preference is naturally given, in case of a choice of applicants, to those who, as strangers in New York, are not likely to hear of positions through other channels. No prospective student should come to Columbia expecting to depend entirely or even largely upon the assistance of the Committee, and every student should be prepared to meet at least the expenses of the first half-year—say $250.

The chiefs of clinic in the Medical School give advice without charge to students on the lists of the Committee.

APPOINTMENT COMMITTEES

The duty of these committees is to assist competent graduates of the University to obtain suitable permanent employment.

The committees keep classified lists of those who wish employment and will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

No fees are charged for any service rendered by either committee.

For positions in Colleges and Universities except in the Department of Education

Professor TOMBO, Chairman; Professors SELIGMAN CATTELL, TODD, KIRCHWEY, WHEELER, THOMAS, and A. H. THORNDIKE.

Communications in regard to vacancies and recommendations of suitable candidates for the same should be addressed to the Chairman.

For college and university positions in Education, and for Administrative, Supervisory, and Teaching positions in Normal, Secondary, and Elementary Schools and Kindergartens

Professor JAMES E. RUSSELL, Dean of Teachers College, Chairman; Professors DUTTON, KEMP, MCMURRY, SMITH (D. E.), and TRENT.

Communications should be addressed to the Chairman of the Committee, or to its Secretary, Miss I. L. Pratt.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

(See page 434)

RELATIONS BETWEEN THE UNIVERSITY AND OTHER INSTITUTIONS

The educational opportunities of students in Columbia University (including Barnard College, Teachers College, and the New York College of Pharmacy) are increased by the close relations of the University with other institutions of instruction and research.

The Theodore Roosevelt and Kaiser Wilhelm Professorships

The Theodore Roosevelt Professorship of American History and Institutions in the University of Berlin has been endowed by the gift of $50,000 to the Trustees of Columbia University. Appointments are made annually with the sanction of the German Emperor by the Prussian Ministry of Education upon the nomination of Columbia University, but are not confined to members of this University. In successive years the fields of American history, American constitutional and administrative law, American economic and sociological problems and movements, American education, and American contributions to science, technology, the arts and literature, will be dealt with. The instruction will be given in German in the University of Berlin during each winter semester, and may be repeated in whole or in part elsewhere during the ensuing semester.

The Prussian Ministry of Education has established in Columbia University a corresponding chair of German History and Institutions, to be filled each year by the Trustees of Columbia University upon the nomination of the Prussian Ministry of Education. To this chair the name of the Kaiser Wilhelm Professorship of German History and Institutions has been given, with the approval of the German Emperor.

Theodore Roosevelt Professorship

1906–07 John William Burgess, Ph.D., LL.D., *Ruggles Professor of Political Science and Constitutional Law, and Dean of the Faculty of Political Science in Columbia University.*

1907–08 Arthur Twining Hadley, Ph.D., LL.D., *President of Yale University.*

1908–09 Felix Adler, Ph.D., *Professor of Social and Political Ethics in Columbia University.*

1909–10 Benjamin Ide Wheeler, Ph.D., LL.D., *President of the University of California.*

1910–11 Charles Alphonso Smith, Ph.D., *Edgar Allan Poe Professor of English in the University of Virginia.*

Kaiser Wilhelm Professorship

1906–07 Hermann Schumacher, Jur.D., *Professor of Political Economy in the University of Bonn.*

1907–08 K. G. Rudolf Leonhard, J.U.D., *Professor of Legal Science in the University of Breslau.*

1908–09 Albrecht F. K. Penck, Ph.D., Sc.D., *Professor of Geography in the University of Berlin.*

1909–10 Carl Runge, Ph.D., *Professor of Applied Mathematics in the University of Göttingen.*

1910–11 Ernst Daenell, Ph.D., *Professor of Modern History in the University of Kiel.*

The Visiting French Professorship

By agreement with the Council of the University of Paris there has been established in Columbia University a new professorship to be known as the Visiting French Professorship. The appointment is made each year jointly by the Council of the University of Paris and the Trustees of the University. The Visiting French Professor is to be in residence at the University for three months during the first half-year and to conduct a seminar after the manner of the Conferences of the University of Paris.

1910–11 Ferdinand Brunot, Docteur-ès-Lettres, *Professor of History of the French Language in the University of Paris.*

American Museum of Natural History

The American Museum of Natural History places its collection at the service of advanced students of Columbia University for the purposes of study and research, and provides them with the necessary facilities for work. The Director of the Museum is a member of the Faculty of Pure Science of the University.

National Academy of Design

The agreement of February 5, 1906, between the University and the Academy makes provision for the closest relations between the two institutions in the development of the study of design in New York City. (See page 326.) The President of the Academy is a member of the Faculty of Fine Arts, and the professors in the departments of painting, sculpture, and in the decorative arts are appointed upon the joint recommendation of the President of the University and the Council of the Academy.

Metropolitan Museum of Art

The Metropolitan Museum of Art admits students of Columbia University on presentation of cards of introduction from the University, and gives them special facilities for the study of the objects in the Museum. The Director and Assistant Director are members of the Faculty of Fine Arts.

The New York Botanical Garden

Columbia University has the privilege of conducting university courses in botany at the New York Botanical Garden and of using its laboratories and floral material, and all courses of instruction given there are open to officers and students of the University without charge. The Director is a member of the Faculty of Pure Science. For a description of the equipment of the Botanical Garden, see the statement of the Department of Botany (page 66).

Theological Seminaries

The Union Theological Seminary and the General Theological Seminary, both of which are represented in the University Council, admit students of high standing in the University to certain lectures in their regular or special courses without tuition fee. Libraries of the Seminaries, for reference, are open to all qualified students of the University. Reciprocal advantages are offered by the University to students of the Seminaries who are qualified to register as candidates for the higher degrees. The General Theological Seminary offers a scholarship to graduates of Columbia College.

The University also enjoys reciprocal arrangements with the other theological seminaries in the vicinity of New York—the Jewish Theological Seminary (New York), Drew Theological Seminary (Madison, N. J.), St. Joseph's Theological Seminary (Yonkers, N. Y.), and the New Brunswick (N. J.) Theological Seminary.

Hospitals

Besides the Vanderbilt Clinic and the Sloane Maternity Hospital, the general and special hospitals of New York afford most important fields for clinical teaching. The College of Physicians and Surgeons is strongly represented on the staff of these institutions, and regular clinical instruction at hospitals is made a prominent feature of the program. In many of these hospitals the fourth-year students are admitted as clinical clerks to serve on the house staff.

Other Institutions

For the details of the work preparatory to public service offered by Yale University and Columbia University in co-operation, see page 279.

The Director of the New York School of Philanthropy is a professor in the University, and the same reciprocal advantages for students exist as in the case of the Theological Seminaries.

There are close informal relations between the University and the Hispanic Society of America, the Rockefeller Institute of Medical Research, the New York Zoölogical Garden, the New York Aquarium, and the laboratories at Wood's Hole and Cold Spring Harbor. (For the Libraries of the city, see below.)

PUBLIC LECTURES

In addition to the regular program of studies, arrangements are made for lectures before the members of the University, and in some cases before the public also. (For the list of Lectures given in 1909–10, see the Annual Reports for that year.)

THE LIBRARY

W. Dawson Johnston, *Librarian*

Readers' Department.....Frederick C. Hicks, *Supervisor*
Readers' Department.....Vladimir Gr. Simkhovitch, *Bibliographer*
Readers' Department Loan Division.....Frederic W. Erb, *Supervisor*
Shelf Division.....Frank C. Erb, *Supervisor*
Order Department.....Ethel H. Budington, *Supervisor*
Serial Department.....Anna K. Fossler, *Supervisor*
Catalogue Department.....Harriet B. Prescott, *Supervisor*

Department Libraries

Teachers College.....Elizabeth G. Baldwin, *Librarian*
School of Law.....Mary Otis Cox, *Librarian*
School of Medicine.....G. Summerfield Evans, *Librarian*
Avery Library.....Edward R. Smith, *Librarian*

Undergraduate Reading-rooms

Columbia College.....Thomas P. Ayer, *Librarian*
Barnard College.....Bertha L. Rockwell, *Librarian*

Collections

The Library contains about 450,000 volumes, exclusive of unbound pamphlets and duplicates, and some 30,000 German dissertations.

Among the notable special collections may be mentioned the Columbiana, 3500 titles; the Phœnix Library, consisting of 7000 volumes, the gift of Stephen Whitney Phœnix, of the Class of 1859; the Avery Architectural Library, a collection of about 18,000 volumes relating to architecture and decorative art; the Mary Queen of Scots Library, containing 550 volumes, collected and given by General J. Watts de Peyster; the collection of over 1200 volumes by and about Goethe; the Immanuel Kant collection of nearly 1000 volumes; the valuable Townsend Library of National, State, and Individual War Records; the Garden Library, deposited by the Southern Society of New York; the valuable library of The Holland Society of New York, 600 volumes, including the remarkable collection of works of Grotius; the philological library of the late Professor Mortimer Lamson Earle, given by his students and friends—consisting of some 2500 volumes; the library of Henry Livingston Thomas, late Chief Translator of the Department of State, Washington, given by his son, Dr. William S.

Thomas—some 9000 volumes; and the Library of the American Mathematical Society, 1500 volumes. The Library is also the depository for the Reform Club of the City of New York.

Reading Rooms

About 10,000 carefully selected reference books and the most important works on all subjects, in standard editions, representing the leading authors in all literatures, are placed in the general reference room, directly accessible to all readers.

For the convenience of undergraduates of Columbia College, there has been established in Hamilton Hall a College Study. Five thousand carefully selected volumes have been placed in this room, as a reference library.

Connected with the stacks in which are stored the books relating especially to Philosophy, Literature, the Languages, the Sociologic and Economic Sciences, Public Law, and History, are twenty special study rooms, open only to authorized readers; thus affording advanced students and investigators in these fields the fullest opportunity to carry on their work in quiet rooms in the immediate vicinity of the literature of the subjects under consideration. The various Science departments have special libraries in close connection with their laboratories and lecture rooms.

The Bryson Library of Teachers College, the Educational Library of the University, and the carefully selected reference libraries of Barnard College, the College of Physicians and Surgeons, and the College of Pharmacy, are all available to officers and students of the University. Nearly all of the more private or restricted libraries of the city, such as those of the learned societies, are open to officers and to advanced students introduced by the Librarian of the University.

Catalogues

The general catalogue of the libraries of the University is a record of all books in the possession of the University. In addition to this there are catalogues of department libraries located in department reading-rooms, and a union catalogue which is a record, by authors only, of books not possessed by the University which may be found in the Library of Congress, John Crerar Library, and other libraries. The catalogue of the New York Public Library in the Astor Library building may also be consulted, especially for references to articles in magazines not indexed in the published indexes to periodicals.

Use

All officers, students, and graduates of the University have free access to the Library and may draw books for home use.

Officers of the New York University, of the College of the City of New York, of the Metropolitan Museum of Art, and of the American Museum of Natural History are granted the same Library privileges as are extended to graduates of Columbia University.

Persons of mature years desiring to engage in definite research which cannot be successfully conducted in the public or other libraries of this city will be given the privilege of using this Library in the building, upon filing a satisfactory application, responsibly endorsed. Blank applications will be furnished by the Librarian on request.

The Library is open each week-day (except Labor Day, Thanksgiving, Christmas, New Year's Day, Good Friday, and Independence Day) from 8.30 A.M. until 11 P. M., October-June; and until 10 P.M., July-September.

University Press Bookstore

A University bookstore is maintained under the auspices of the Columbia University Press, where officers and students may purchase books and stationery at stated discounts from list prices.

THE GYMNASIUM

(See page 151)

UNIVERSITY COMMONS

The University Commons, in University Hall, conducted under student management, has accommodations for 450 men, upon a system combining the *table d'hôte* and *à la carte*, the average weekly charge being $4.50. There is also a large buffet lunch-room.

RESIDENCE HALLS

For Men

There are two University dormitories on South Field, with accommodations for 500 men, Hartley Hall, a memorial to the late Marcellus Hartley, and Livingston Hall, named in memory of Robert R. Livingston, of the Class of 1765. Each building is 10 stories in height exclusive of basement, and 137 feet long by 60 feet wide. They are lighted by electricity and heated by steam, and have telephone and elevator service.

The two Halls contain 600 rooms, both single and double, all being outside rooms; their arrangement permits of flexibility in renting the rooms in suites. The average size of the bedrooms is 8 feet by 14.6, of the studies 10 by 14.6; all are nine feet high. Each bedroom has a clothes-closet and an enamelled basin with hot and cold water, and is provided with heavy oak furniture. There are four shower-baths on each floor.

The only entrance to each building for students is on the side facing the campus, and leads directly into an assembly room 60 feet square. This room runs up through two stories and has a large open fireplace opposite the entrance.

The Residence Halls are supervised and controlled by a Council composed of the Consulting Engineer, two University officers, and a representative from each Hall. The Council is assisted by two Committees made up of residents in the Halls.

While Hartley Hall and Livingston Hall are open to all male students of the University, students in Columbia College, in accordance with the desire of the donors, Mrs. Helen Hartley Jenkins and Marcellus Hartley Dodge, '03, are given the preference in the assignment of rooms in Hartley Hall.

The average weekly charge for a single room is $3.30, or $129 for the academic year of thirty-nine weeks. A pamphlet containing floor-plans, charges, and the Hall Regulations may be had upon application to the Secretary of the University. Rooms will be assigned in the order of receipt of written applications to be made on a blank provided by the Superintendent of Buildings and Grounds.

For Women

Brooks Hall, the hall of residence for Barnard College students, is on the north side of 116th Street; it accommodates 90 students. Full information in regard to the situation and cost of rooms, the advance deposit, the charge for electric light, and the residence scholarships is published in a separate pamphlet, to be had on application to the Secretary of Barnard College, or to the Mistress of Brooks Hall, Barnard College, New York City.

Whittier Hall, dormitory building of Teachers College, is situated on Amsterdam Avenue, between 120th and 121st Streets, and has accommodations for 350 women. Inquiries regarding rooms, board, and the like, should be addressed to the Secretary of Whittier Hall, 1230 Amsterdam Avenue.

Other Living Accommodations

Besides these dormitories, there are many good boarding-houses and apartments near the University. The careful selection, inspection, and registration of such lodgings, etc., have been undertaken, and a card-catalogue of apartments, rooms, etc., is kept at Earl Hall. Many of the Greek-letter fraternities, a list of which will be found on page 52, maintain chapter houses near the University.

PUBLIC WORSHIP AND RELIGIOUS WORK

St. Paul's Chapel, dedicated February 3, 1907, was the gift of Olivia Egleston Phelps Stokes and Caroline Phelps Stokes as a memorial to their

parents. The Chapel is in the form of a cross, the greatest length being 122 feet and the width at the transepts 77 feet, and has 1050 sittings.

Service, at which attendance is voluntary, is held every week-day, except Saturday and Wednesday, at noon, the period from 12 to 12.20 being set aside by the University Council for religious exercises. On Wednesday there is a Vesper service at 5.10. Service on Sunday is at 4 o'clock. Organ recitals are also frequently given.

EARL HALL

Earl Hall, the home of the religious, philanthropic, and social organizations and interests of the University, is open from 8.30 A.M. to 10 P.M. daily, to all students without expense, under the direct management of the Secretary of Earl Hall, who is also Secretary of the University Young Men's Christian Association.

The building may not be used for distinctly dogmatic or denominational religious teaching. All organizations the objects of which are to promote the religious and philanthropic life of their student members and of the student body at large have the privilege of holding their meetings in this building. While the social purposes of the Hall are necessarily subordinated to the other uses of the building, the Secretary desires to promote the same type of informal personal and social intercourse that prevails in a good club.

Provision for the regular meetings of student organizations is made on a day-and-hour schedule, without exclusive use of any of the rooms in the following order: societies the purpose of which is (1) primarily religious; (2) primarily philanthropic; (3) primarily literary, and (4) miscellaneous student organizations.

MEDICAL VISITOR

For those who are without local family physicians there is a Medical Visitor (Dr. D. S. D. Jessup, 542 W. 112th St.) whose duties are to render medical assistance to such officers and students as may desire it, either at their homes or elsewhere, at a remuneration to be arranged between himself and individual patients.

STUDENT ORGANIZATIONS

The various student organizations, while self-governing, are subject to the following regulations: The schedules of public contests and performances must be approved by a University Committee; budgets for expenditure are approved and checked by the Comptroller of Student Organizations; the University Committee on Athletics, consisting of three graduates, two students, and two University officers, adopt and administer rules of eligibility not involving questions of scholarship and govern participation in inter-collegiate athletics. Provision is made for the election each year by the student body at large of a

Board of Student Representatives. The constitution of this board will be found in the pamphlet on Student Organizations, which may be obtained from the Secretary of the University. The members for the current year are:

G. J. Dwyer, '11, *Chairman*
F. A. Ayer, '11 S.
W. Kinney, '11
W. M. Lee, Jr., '11
S. A. McKeown, '11 S.
A. Mendelsohn, '11 S.
D. Murphy, '11 L.
S. Pitt, '11 S.
W. H. Ziegler, '11.

The members of the University Committee on Student Organizations are:

Professor Lord, *Chairman* (term expires July 1, 1911)
Professor S. A. Mitchell (term expires July, 1, 1915)
Professor Fletcher, (term expires July, 1, 1914)
Professor Kemp (term expires July, 1, 1913)
Professor Hayes (term expires July 1, 1912).

Greek Letter Fraternities

The following Greek-letter fraternities, given in the order of their establishment, maintain chapters at Columbia University:

Alpha Delta Phi; Psi Upsilon; Delta Phi; Delta Psi; Phi Kappa Sigma; Phi Gamma Delta; Phi Kappa Psi; Delta Kappa Epsilon; Zeta Psi; Beta Theta Pi; Delta Tau Delta; Theta Delta Chi; Phi Delta Theta; Alpha Tau Omega; Delta Upsilon; Sigma Chi; Sigma Alpha Epsilon; Phi Sigma Kappa; Theta Xi; Alpha Chi Rho; Delta Sigma Phi; Omega Pi Alpha; Phi Epsilon Pi; Sigma Nu.

DIVISIONAL AND DEPARTMENTAL STATEMENTS

INTRODUCTORY

The courses of instruction are numbered in accordance with a plan uniform throughout the University, and attention is called to the following information which the number assigned to a course will in each case indicate:

Odd numbers indicate the first, even numbers the second-half of the academic year. Courses designated **1–2, 21–22,** etc., run through both half-years; courses designated **1–4, 5–8,** etc., run through two complete academic years. Courses numbered between **1** and **100** are, in general, elementary and may not be offered in fulfilment of the requirements for the higher degrees (A.M. and Ph.D.). Courses numbered from **101–200** are primarily for students who hold a first degree but are open to undergraduates who have completed 64 points (for courses in law 94 points), including all prescribed work. In general no such course may be taken without some elementary training in the same or in some allied subject. Courses from **201–300** are restricted to such graduate students as are qualified to pursue the work to advantage. Seminars are numbered from **301** up. Attention is called to the *Announcement of the Faculties of Political Science, Philosophy, and Pure Science*, and particularly to the fact that the requirements for the higher degrees are based upon subjects and not upon courses. Students who wish to offer a subject either as a major or minor should, before registration, consult the officers of instruction and administration concerned with regard to their selection of courses.

Courses enclosed in brackets are not offered during 1910–11, and any other course not applied for by at least three candidates for a degree may be withdrawn by the instructor.

Any subject of study not appearing in its alphabetical order may be found through the index.

With the exception of the courses in Mines, Engineering, Chemistry, Medicine, and Law, all courses numbered over **101** are open to women upon the same terms as to men, unless specific statement is made to the contrary.

Unless otherwise stated, the number of hours given indicates the hours of classroom work (lectures, conferences, and recitations) per week. When a course involves both classroom work and laboratory or drafting-room work, the former will be indicated by *C* and the

latter by *L* and *D*, respectively. An "afternoon" implies three hours a day, normally from 1:00 to 4:00.

Students should note the distinction between a department and a school. For instance, there is in the University both a Department of Architecture and a School of Architecture; Departments of Civil, Electrical, and Mechanical Engineering and a School of Engineering. The Departmental Statements which follow have to do only with the giving of the instruction and the opportunities for research in each special branch of study. The information as to the conditions of admission to the courses, and the academic credit to be received therefor, will be found under the information relating to Colleges and Schools, pages 192 *et seq.*, and in the separately printed *Announcements*.

For the courses to be offered in fulfilment of the requirements for the degrees of Bachelor of Arts or Bachelor of Science, see pages 194 and 339; Bachelor of Laws, see page 218; Doctor of Medicine, see page 235; for the several degrees in mining, engineering, and chemistry, see pages 251–259; and for Fine Arts—architecture, music, and design—see pages 320, 325, and 326.

It is not possible, within the limits of this volume, to give more than the briefest outline of the courses. In some one of the *Bulletins of Information* published by the University, and distributed without charge upon application to the Secretary, a detailed statement will be found of the scope of each course, the manner of treatment, the courses prerequisite, and the like. A list of the *Bulletins* will be found on page 37.

Attention is also called to the fact that, in addition to the following, many courses are offered in the Summer Session and in Extension Teaching. Full information as to these will be found in the *Bulletins* of the Summer Session and of Extension Teaching.

Anatomy

George Sumner Huntington, M.D., Sc.D., LL.D. ..... *Professor*
Bern Budd Gallaudet, M.D. ..... *Assistant Professor*
H. von W. Schulte, M.D. ..... *Assistant Professor*
Frederick Tilney, M.D. ..... *Associate*
Alfred Stillman, M.D. ..... *Associate*
Adam M. Miller, A.M. ..... *Instructor*
Oliver S. Strong, Ph.D. ..... *Instructor*
Charles Hendee Smith, M.D. ..... *Instructor*
Charles R. L. Putnam, M.D. ..... *Demonstrator*
Alfred J. Brown, M.D. ..... *Demonstrator*
Richard Derby, M.D. ..... *Demonstrator*
John C. Vaughan, M.D. ..... *Demonstrator*

None of the courses of the Department of Anatomy is open to women.

Courses

See introductory paragraphs, page 53

51–52—Vertebrate morphology—Anatomy of the body cavities—Visceral and topographical course—Thorax and abdomen. Lectures combined with demonstrations. 3 hours. Professor HUNTINGTON

63–64—Demonstrations to sections of the class and conferences—Visceral anatomy. Direct examination and demonstration of the preparations serving to illustrate course 51–52. 1 hour. Dr. BROWN

53—Cranial morphology—Lectures. 1 hour in first half-year. Dr. TILNEY

54—Syndesmology, myology, angeiology of head and neck, peripheral nervous system of neck. Demonstrations to sections of the class. 1 hour per week, second half-year. Professor GALLAUDET

65–66—Neurology. 2 hours per week to sections of the class—Drs. TILNEY and STRONG

55–56—Demonstrations to sections of the class—Osteology, syndesmology, myology, peripheral nervous system, and angeiology of the extremities. Pharynx, larynx. 2 hours. Drs. STILLMAN and DERBY

These courses are so arranged as to maintain, with reference to the subjects treated, a direct connection with the laboratory course in dissection, 57–58

57–58—Laboratory course—Dissection of the human body. 12 hours a week. Professors HUNTINGTON, GALLAUDET, SCHULTE, the ASSOCIATES and DEMONSTRATORS

59–60—Laboratory course—Dissection of the human body. 10 hours a week. Professors HUNTINGTON, GALLAUDET, SCHULTE, the ASSOCIATES and DEMONSTRATORS

67–68—Histology and embryology—Lectures combined with demonstrations. 3 hours. Professor SCHULTE

69–70—Laboratory course—histology and embryology. 6 hours. Professor SCHULTE and Mr. MILLER, Drs. STRONG and SMITH

71–72—Conferences and demonstrations to sections of the class—Histology and embryology. 1 hour. Professor SCHULTE and Mr. MILLER, Drs. STRONG and SMITH

Research

117–118—The laboratory of animal morphology is open for research, under the direction of the professor, to advanced workers. Professors HUNTINGTON and SCHULTE

Optional Courses

62—Anatomy of mouth, larynx, pharynx, auditory apparatus. 3 hours per week in second half-year. Professor GALLAUDET

125–126—Development and comparative anatomy of the heart and vascular system. Professors HUNTINGTON, SCHULTE, and Staff

127–128—Development and comparative anatomy of the genito-urinary system. Professors HUNTINGTON, SCHULTE, and Staff

129–130—Development and comparative anatomy of the respiratory tract. Professors HUNTINGTON, SCHULTE, and Staff

131–132—Development and comparative anatomy of the nervous system. Drs. TILNEY and STRONG

133–134—Development and comparative anatomy of the alimentary canal. Professor SCHULTE, and Mr. MILLER

In all courses offered in morphology the work is designed to be laboratory exercises of at least two continuous hours' duration, at any one exercise, supplemented in certain courses by demonstration and study of material contained in the Museum of Human and Comparative Anatomy and in the study collections of the department.

The time required for the above courses, if offered as minors for the degree of A.M. or Ph.D., or if taken as optionals, unless otherwise specified, is half a day per week from October to April.

The demands on laboratory space and teaching force render it necessary to limit the number of candidates admitted to these courses.

Anatomical Laboratories

The laboratory facilities of the Department of Anatomy are very complete. The large general dissecting-room accommodates from 390 to 546 students, working in groups of five or seven at one table.

The laboratory for advanced morphological research occupies the third story of the anatomical building. Every facility for advanced and research work in morphology is here extended. The established connections of the department furnish abundant human and comparative material, both mature and embryonal. The private library of the Professor of Anatomy is at the disposal of advanced workers.

Museum of Human and Comparative Anatomy

Much work has been done in the formation of a Museum of Human and Comparative Anatomy, the ultimate design of which is to present, in as complete a manner as possible, a view of the evolution of the forms of animal life, and of their natural relations both in series of natural groups and in the comparative and relative positions of organs and systems. Even the approximate attainment of this aim will require much time and work, but sufficient progress has been made to enable the department to offer great facilities for study and research. The collection, both as regards groups and the individual preparations, is designed for the illustration of both elementary and advanced

courses, and is largely used in the instruction of the medical undergraduates and in advanced study and research.

The second floor of the anatomical building has been furnished throughout with suitable exhibition and demonstration stands. It is the intention of the department to install in this space the portion of the collection most used in the medical courses, thus establishing an undergraduate teaching museum which will both increase the efficiency of the sectional demonstrations and render the material upon which they are based available at all times for study and research.

A study-collection of human osteological preparations is so administered as to enable every student to take out the different osteological series and retain them for private study as long as required.

Anthropology

FRANZ BOAS, Ph.D., LL.D. ..... *Professor*
LIVINGSTON FARRAND, A.M., M.D. ..... *Professor*
[1] MARSHALL H. SAVILLE .... *Loubat Professor of American Archæology*
ADOLPH F. BANDELIER ..... *Lecturer in American Archæology*
ALEXANDER A. GOLDENWEISER, Ph.D. ..... *Assistant*

Courses

See introductory paragraphs, page 53

1–2—Anthropology, general introductory course—Lectures, essays, and discussions. 3 hours. First term, Professor FARRAND; second term, Professor BOAS

103–104—Prehistoric archæology—Lectures, essays, and discussions. 2 hours. Professor SAVILLE and Dr. BERKEY (of the Department of Geology)

105–106—Ethnology—Primitive culture—Lectures, papers, and discussions. 2 hours. Professor FARRAND

107–108—Ethnography of America and Siberia. Professor BOAS

[109–110—Ethnography of Africa and Polynesia. Professor BOAS]

[111–112—The races of Europe. 2 hours. Professor BOAS]

115–116—Archæology of Mexico and Central America. 2 hours. Professor SAVILLE

117–118—American languages—Lectures and discussions. 2 hours. Professor BOAS

129–130—American languages—Advanced course. 2 hours. Professor BOAS

121–122—Anthropometry. *C* 2 hours, *L* 3 hours. Professor BOAS

[1] Absent on leave first half-year.

125–126—Early Spanish sources for American ethnography. 2 hours. Mr. BANDELIER

127—Archæology of Peru. 1 hour. Mr. BANDELIER

201–202—Research work in anthropology. Professors BOAS, FARRAND, and SAVILLE

301–302—Seminar in ethnology. 2 hours bi-weekly. Professor BOAS

The collections and apparatus of the American Museum of Natural History may be used by students of Anthropology.

Architecture

ALFRED D. F. HAMLIN, A.M. ..*Professor of the History of Architecture*
FRANK DEMPSTER SHERMAN, Ph.B.....*Professor of Graphics*
THOMAS HASTINGS.....*Director of Atelier*
EDWARD R. SMITH, A.B.....*Reference Librarian, Avery Library*
CHARLES P. WARREN, A.M.....*Assistant Professor*
CHARLES A. HARRIMAN.....*Associate*
JOHN V. VAN PELT, Diplômé A.D.G.[1].....*Associate*
HARVEY WILEY CORBETT, B.S., Diplômé A.D.G.[1].....*Associate*
MAURICE J. PRÉVÔT, Diplômé A.D.G.[1].....*Associate*
FRANCIS A. NELSON, B.S., Diplômé A.D.G.[1].....*Lecturer*
ROBERT F. BACH, A.B.....*Lecturer*

WILLIAM R. WARE, LL.D.....*Emeritus Professor of Architecture*

Courses

See introductory paragraphs, page 53

1—The elements of architecture. The orders, balustrades, arcades, doors, windows, spires, vaults, domes. 2 hours, and work in drafting-room. Professor SHERMAN

2—Applied elements—Exercises in application of the orders and other features in elementary design. 15 hours. Mr. HARRIMAN

3—Architectural drawing—15 hours. Mr. HARRIMAN

5—Graphics—Shades and shadows, projections and intersections. *C* 3 hours, *D* 2 hours. Professor SHERMAN

6—Perspective. *C* 2 hours, *D* 2 hours. Professor SHERMAN

7–8—Descriptive geometry. *C* 3 hours, *D* 2 hours, first half-year; *C* 2 hours, *D* 2 hours, second half-year, 16 to 24 plates required. Professor SHERMAN

10—Stereotomy. *C* 2 hours, *D* 2 hours, second half-year. Professor SHERMAN

11–12—Specifications. *C* 3 hours, *D* 3 hours. Professor WARREN

[1] Architecte Diplômé par le Gouvernement Français.

13–14—Building materials. *C* 2 hours. Professor WARREN

15–16—Elementary structural design. *C* 2 hours, *D* 3 hours. Professor WARREN

17–18—Engineering—Graphical statics and applied mechanics, structural problems. *C* 3 hours, *D* 3 hours. Professor WARREN

21–22—Ancient architectural history. 2 hours. Professor HAMLIN

23–24—Mediæval architectural history. *C* 2 hours, with collateral reading (see 43–44), and 15 hours' original research for six weeks. Exercises in historical design (see 61–64). Professor HAMLIN and Mr. BACH.

24*a*—Architectural essays—Papers and drawings prepared in connection with research on mediæval history. Professor HAMLIN and Mr. BACH

25–26—Modern architectural history—The Renaissance and modern architecture. *C* 2 hours and 15 hours' research for six weeks. Exercises in historical design (see 61–64). Professor HAMLIN and Mr. BACH

26*a*—Architectural essays—Papers and drawings prepared in connection with research on modern history. Professor HAMLIN and Mr. BACH

31–32—History of ancient ornament. 1 hour. Professor HAMLIN

33–34—History of mediæval ornament. 1 hour with exercises in decorative design. Professor HAMLIN

35–36—History of modern ornament—Renaissance and modern ornament. 1 hour with exercises in decorative design. Professor HAMLIN

41–42—Historical reading in French (in connection with 21–22). 2 hours. Mr. BACH

43–44—Historical reading in French and German (in connection with 23–24). 2 hours. Mr. BACH

51–52—Theory of architecture—Planning and composition. 1 hour. Professor HAMLIN and special lecturers

53—Theory of decorative arts—1 hour. Mr. BACH and others

54—Theory of color. 1 hour, second term. Professors HAMLIN and HALLOCK

55—Theory of professional practice. 1 hour, second term. Professor HAMLIN and others

61–62—Elementary design—Exercises chiefly in composition of exteriors. 15 hours, first half-year, and for 9 weeks of second half-year. 1, 2, and 3 prerequisite. Professor HASTINGS, Messrs. VAN PELT, CORBETT, NELSON, and PRÉVÔT

63–64—Intermediate design—Problems and sketch designs, including both planning and composition. 15 hours, first half-year, and for 9 weeks of second half-year (see 161 and 261; 61–62 prerequisite). Professor HASTINGS, Messrs. VAN PELT, CORBETT, NELSON, and PRÉVÔT

71–72—Freehand drawing—Elementary course. 5 hours. Mr. HARRIMAN

72*a*—Summer work—Drawings and designs to be executed during the summer vacation following the first year of residence

73–74—Freehand drawing—Intermediate course; water colors and modelling. 6 hours. Mr. HARRIMAN and Mr. SMITH

74*a*—Summer work—Drawings and designs to be executed during the second summer vacation

75–76—Drawing from the cast. 6 hours. Mr. HARRIMAN

76*a*—Summer work—Drawings and designs to be executed during the third summer vacation

113–114—Advanced practice, in connection with the Schools of Mines, Engineering, and Chemistry. *C* and *D* 6 to 12 hours (in connection with **117–118**). Professors BURR, CAMPBELL, LUCKE, and WARREN

117–118—Advanced engineering design and calculation in connection with the Schools of Mines, Engineering, and Chemistry. *C* and *D* 24 hours (in connection with **113–114**). Professors BURR, ————, and WARREN.

128—Advanced essays—Summer vacation essay; thesis dissertation previous to graduation

161–162—Advanced design. 20 to 30 hours. (63–64 prerequisite.) Professor HASTINGS, Messrs. VAN PELT, CORBETT, NELSON and PRÉVÔT

164—Thesis—Advanced design or research; drawings with accompanying dissertation. 20–30 hours for 8 to 12 weeks previous to graduation. Professor HASTINGS, Messrs. VAN PELT, CORBETT, NELSON, and PRÉVÔT

177–178—Advanced drawing—From the antique and from life. 6 hours (at the studios of the National Academy of Design)

213–214—Graduate course in practice—Original investigations and accompanying reports. 6 hours. Professor WARREN

217–218—Graduate course in engineering—Four advanced problems in structural design. 20 to 30 hours. Professor WARREN

221–222—Graduate essays—Original research with accompanying reports. 4 to 6 hours. Professor HAMLIN

261–262—Graduate design—Advanced problems, etc. 20 to 30 hours. Professor HASTINGS, Messrs. VAN PELT, CORBETT, NELSON, and PRÉVÔT

Astronomy

HAROLD JACOBY, Ph.D.....*Rutherfurd Professor*
S. ALFRED MITCHELL, Ph.D.....*Assistant Professor*

Courses

See introductory paragraphs, page 53

1–2—General astronomy—Introductory Course. 2 hours, and fortnightly evening attendance in the Wilde Observatory. Professor JACOBY

3–4—General astronomy, second courses. 3 hours. Professor S. A. MITCHELL

103–104—Spherical and practical astronomy—A more mathematical treatment, including practical use of instruments. 2 hours' lectures and 2 hours' observatory work. Professor S. A. MITCHELL

105—Geodesy—Brief history of geodetic operations and description of instruments, including their adjustment and use. 3 hours. Professor MITCHELL

106—Geodesy—Applications of practical astronomy to geodetic surveying. 1 hour lecture and 3 hours' laboratory. Professor MITCHELL

S107—Geodesy—Summer course in practical geodesy. Given in the field, each student making his own observations and calculations.

Five weeks of practical work from July 10, at Camp Columbia, Morris, Conn. Professors JACOBY and MITCHELL with assistants

201–202—Advanced spherical and practical astronomy. 2 hours' lectures and 4½ hours' observatory work for two years. Professor MITCHELL

205–206—Theory and method of reduction of photographic star plates—Determination of star places. 1 hour, with practical work, for two years. Professor JACOBY

207–208—Method of least squares, with applications to astronomy and geodesy. 1 hour. Professor JACOBY

213–214—Theoretical astrophysics. 1 hour supplemented by laboratory work. Professor MITCHELL

Astronomical and Geodetic Equipment

The Wilde Observatory contains an equatorial telescope, with clockwork and accessories. The University has also a very complete collection of instruments for the application of astronomy to geodesy, including a Bamberg universal combined prismatic transit and zenith telescope of 4-inch aperture; a Wanschaff zenith telescope of 8-cm. aperture, suitable for latitude measures of the highest precision; two Wanschaff 8-inch microscope theodolites; two Fauth 8- and 10-inch microscope theodolites; secondary bar base and tape base apparatus, with stretching machines; complete outfit of engineer's instruments, sextants, apparatus for barometric hypsometry, clocks, chronometers, electric chronographs, etc.; five computing machines.

For the advanced study of astronomy proper, there are special facilities including two Repsold measuring machines of the latest type and a large collection of original astronomical photographs suitable for measurement and reduction. These photographs were made by Gill at the Cape of Good Hope, Rutherfurd at New York, Donner at Helsingfors, Henry at Paris, Campbell at Mt. Hamilton, etc. Funds are provided for the publication of researches in astronomical photography. (See University Bibliography.) For research work in astrophysics students have access to the well-equipped laboratories of the Department of Physics, and there is also a collection of spectrograms photographed with the 40-inch telescope of the Yerkes Observatory and two machines for measuring them.

In addition, there are a number of unmounted instruments, including Lewis Morris Rutherfurd's famous 13-inch equatorial, with its attachments.

The University Library is especially strong in astronomy. Among other important collections, it contains the private library of the late Dr. Otto Struve, formerly director of the Pulkowa Observatory. There is also a good working library in the department.

Bacteriology

PHILIP HANSON HISS, Jr., M.D. ..... *Professor*
AUGUSTUS B. WADSWORTH, M.D. ..... *Assistant Professor*
JAMES GARFIELD DWYER, M.A., M.D. ..... *Instructor*

Close association is maintained between this department and the Departments of Pathology and Clinical Pathology, so as to facilitate instruction and research in these closely allied subjects.

Courses

For the significance of course numbers see page 53

51—Practical instruction in bacteriology and hygiene, especially adapted to the requirements of students of medicine. 4 hours. Professors HISS and WADSWORTH, and Dr. DWYER

201—Special laboratory course in advanced bacteriology and bacteriological technique. Afternoons in November, December, and January. Professors HISS and WADSWORTH and Dr. DWYER

203—Special laboratory course—as under Course 201—with additional time for the study of known species of bacteria, their chemical products, and photomicrography; and original investigation. Professors HISS and WADSWORTH and Dr. DWYER

205—Experimental medicine. A series of demonstrations showing

the effects of physical and chemical agents on bacteria given in co-operation with the departments of Physiology, Pharmacology, and Surgery. Six demonstrations of two hours' duration each year. Professor WADSWORTH

Open to graduates in medicine.

Research

Research may be pursued in the laboratories of this department by a limited number of properly qualified, advanced workers, under the direction of the Professor.

Equipment

The Department of Bacteriology occupies the western section of the fifth floor of the north wing of the building of the College of Physicians and Surgeons. It comprises a large laboratory for the accommodation of the undergraduate and advanced classes in bacteriology, a research laboratory for special advanced workers, and rooms thoroughly equipped for the preparation of culture media and for the chemical study of bacterial products.

The laboratories are well equipped with all necessary apparatus, animal houses, and cold-storage facilities. A large collection of bacterial species is kept under cultivation.

Biological Chemistry

WILLIAM J. GIES, M.S., Ph.D. ..... *Professor*
NELLIS B. FOSTER, M.D. ..... *Associate*
WALTER H. EDDY, A.M., Ph.D. ..... *Associate*
JACOB ROSENBLOOM, M.D., Ph.D. ..... *Associate*
WILLIAM H. WELKER, A.C., Ph.D. ..... *Associate*
ALFRED P. LOTHROP, A.M., Ph.D. ..... *Instructor*
HERMAN O. MOSENTHAL, M.D. ..... *Instructor*
EMILY C. SEAMAN, A.M. ..... *Instructor in Teachers College*
E. D. CLARK, A.M., Ph.D. ..... *Instructor*
ISIDOR GREENWALD, A.B. ..... *Assistant*
REUBEN OTTENBERG, M.D. ..... *Assistant*
ANTON R. ROSE, A.M. ..... *Assistant*
CLAYTON S. SMITH, B.S. ..... *Assistant*
MARY A. SMEETON ..... *Assistant in Teachers College*

For the significance of course numbers see page 53. All courses not otherwise specified are given at the College of Physicians and Surgeons.

Courses in Organic Chemistry

1—Organic chemistry. (Introductory to Course 102 or 104 in physiological chemistry.) Lecture, 1 hour. Demonstration, 1 hour.

R 2 hours, each section (2). *L* 6 hours, each section (2). Professor GIES, Drs. WELKER, LOTHROP, and CLARK, and Messrs. GREENWALD and SMITH

3—Organic chemistry: introductory to Course **101–102** in physiological chemistry (Teachers College). Fifteen lectures in October. Daily at 5 P.M. Professor GIES

Courses in Physiological and Pathological Chemistry

101–102—General physiological chemistry. (Teachers College Household Arts, 25.) Lecture, 1 hour. *R* 1 hour, each section (2), and *L* 6 hours, each section (2). Professor GIES and Misses SEAMAN and SMEETON

104—General physiological chemistry. Lecture, 2 hours. *R* 1 hour, each section (2), and *L* 6 hours, each section (2). Professor GIES, and Drs. ROSENBLOOM, WELKER, LOTHROP, and CLARK, and Mr. ROSE

201–202—Chemistry of digestion and assimilation. Lecture, 1 hour. (School of Pharmacy.) Professor GIES

203–204—General biological chemistry. Lecture, 1 hour. *L* 4 hours. Dr. EDDY

205–206—Laboratory course in advanced physiological chemistry. (Teachers College, Household Arts, 125.) Professor GIES and Miss SEAMAN

207–208—Laboratory course in biochemical methods of research, including clinical methods. 8 hours. Professor GIES, Dr. LOTHROP, and Messrs. GREENWALD and ROSE

209–210—Laboratory course in the chemistry of the animal tissues and fluids, in health and disease. 8 hours. Professor GIES and Dr. ROSENBLOOM

211–212—Chemistry of nutrition in health and disease. Lecture, 2 hours, *C* 2 hours, *L* 12 hours. Professor GIES, Drs. FOSTER, EDDY, ROSENBLOOM, WELKER, and MOSENTHAL, and Messrs. GREENWALD and ROSE

213–214—Laboratory course in advanced physiological and pathological chemistry. Research. 16 hours. Professor GIES, Drs. ROSENBLOOM, WELKER, LOTHROP, CLARK, and OTTENBERG, and Messrs. GREENWALD and ROSE

Course in Toxicological Chemistry

215–216—Laboratory course in toxicological chemistry. 6 hours. Professor GIES

Course in Botanical Chemistry

217–218—Laboratory course in the chemical physiology of plants.

6 hours. Professor GIES and Dr. CLARK. (The course may be taken in whole or in part at the New York Botanical Garden, where Professor GIES is consulting chemist. See Botany, page 66).

Course in Bacteriological Chemistry

219–220—Laboratory course in the chemistry of microorganisms; fermentations, putrefactions, and enzyme actions in general. 8 hours. Professor GIES and Dr. CLARK.

Biochemical Seminar

301–302—The members of the teaching staff and all other investigators in the department meet weekly to discuss results of recent researches in chemical biology. The Seminar is open to all students in the University. Thursdays, 3 P.M., 1 hour. Professor GIES in charge.

Research

Research may be conducted by qualified workers, independently or under guidance. Professor GIES consults regularly with investigators in the Department of Zoölogy on Tuesday afternoons, and at the N. Y. Botanical Garden on Wednesday afternoons.

Library

Professor GIES's library occupies a room adjoining the laboratory at the medical school and is accessible by appointment to all students in the University.

Equipment

The headquarters of the Department of Biological Chemistry are situated at the College of Physicians and Surgeons, where eight rooms are well equipped for experimental work in biological chemistry. Two of the rooms are relatively large and will each accommodate about seventy workers at a time. Five smaller rooms are specially fitted up for experimental investigations by advanced students.

The laboratory of physiological chemistry at Teachers College is situated on the fourth floor of the Household Arts building. It contains two rooms that are fully stocked with apparatus and chemicals. The larger of these rooms will accommodate thirty-five workers at a time. The smaller room is intended for research by advanced students.

Special facilities have been provided at the New York Zoölogical Park for research there in biological chemistry under the direction of the head of this department.

The laboratories of the New York Botanical Garden are open to students of biological chemistry.

Botany

CARLTON CLARENCE CURTIS, Ph.D. ..... *Associate Professor*
[1] HERBERT MAULE RICHARDS, Sc.D ..... *Professor in Barnard College*
TRACY ELLIOT HAZEN, Ph.D ..... *Assistant Professor in Barnard College*
JEAN BROADHURST, B.S. ..... *Instructor in Teachers College*
MARION ELIZABETH LATHAM, A.M ..... *Instructor in Barnard College*
CHESTER ARTHUR DARLING, Ph.D ..... *Instructor*
MARGARET A. KINGSLEY, A.B ..... *Assistant in Barnard College*
BERNARD OGILVIE DODGE, Ph.B ..... *Assistant*

Certain graduate courses at the New York Botanical Garden are also given, either wholly or in part, by the following members of the Garden staff:

NATHANIEL LORD BRITTON, Ph.D., Sc.D ..... *Director*
WILLIAM ALPHONSO MURRILL, Ph.D ..... *First Assistant*
JOHN KUNKEL SMALL, Ph.D ..... *Head Curator of the Museums*
FRED JAY SEAVER ..... *Director of the Laboratories*
PER AXEL RYDBERG, Ph.D ..... *Curator*
ARTHUR HOLLICK, Ph.D ..... *Curator*
MARSHALL AVERY HOWE, Ph.D ..... *Curator*
GEORGE VALENTINE NASH ..... *Curator of the Plantations*
HENRY HURD RUSBY, M.D ..... *Dean of the College of Pharmacy and Curator of Economic Collections*
WILLIAM J. GIES, M.S., Ph.D ..... *Professor of Biological Chemistry and Consulting Chemist, New York Botanical Garden*

Partial courses are also given by:
ELIZABETH GERTRUDE BRITTON
EDWARD SANDFORD BURGESS, Ph.D.

The undergraduate courses in Botany are designed to give a broad general knowledge during the first year, and to permit some specialization thereafter. Graduate courses imply the completion of the equivalent of two to three years of undergraduate work.

Courses

See introductory paragraphs, page 53

1–2—Nature and development of plant life. *C* 2 and *L* 4 hours. Professor CURTIS, Dr. DARLING, and Mr. DODGE

3–4—Plant morphology. *C* 2 and *L* 4 hours. Professor CURTIS and Dr. DARLING

5—Problems in botanical technique. *L* 6 hours. Designed for teachers and medical students. Dr. CURTIS

6—Economic botany. *C* 1, *L* 3 hours.

[1] Absent on leave second half-year.

7—Growth and character of timber. *C* 1, *L* 3 hours. Professor CURTIS and Dr. DARLING

101–102—Plant physiology. A course in experimental physiology supplemented by selected readings and conferences. 2 laboratory sessions. Professor CURTIS and Mr. DODGE

113–114—Morphology of the higher plants. Study of the orders, including the structure and relationship of plants. Professor CURTIS, Dr. DARLING, and Mr. DODGE

115–116—Morphology of the lower plants, with special reference to the structural features, diagnostic characters, and relationships of the principal orders. Professor CURTIS, Dr. DARLING, and Mr. DODGE

201–208—Physiology. Lines of work dealing with various problems in plant physiology, such as the relation of structure and function, growth, the irritable mechanism of the plant, and the permanent adaptive reactions to environmental factors. Professor RICHARDS and Professor CURTIS

209–210—Physiology of nutrition—treated from a chemical standpoint. Professor RICHARDS and Professor GIES

211–212—Plant pathology. Diseases induced by cryptogamic parasites, including work in culture methods. Dr. MURRILL and Mr. SEAVER

217–218—Embryology of spermatophyta. With special work during two summers. Professors CURTIS and HAZEN

219–226—Morphology. Work dealing with morphological problems in the various groups of plants. Directed by members of the department and Botanical Garden staff.

227–234—Taxonomy.—Critical study of a family, genus, or other group selected from any division of the plant world. Directed by members of the Botanical Garden staff.

235–238—Plant distribution. Problems dealing with regional botany or plant geography. Professor BRITTON and other members of the staff.

239–240—Developmental taxonomy—Fossil ancestors of some family of plants. Dr. HOLLICK

301–302—SEMINAR—A seminar is held bi-monthly at the botanical laboratory in Schermerhorn for critical discussion.

CONVENTION—A botanical convention is held monthly at the library of the New York Botanical Garden, where members of the staff and students either present the results of their own work or review the progress of botanical research and publication elsewhere.

In Barnard College

51–52—Principles of plant morphology and physiology—C 2, L 4 hours. Professor RICHARDS, Miss LATHAM, and Miss KINGSLEY

53–54—General Morphology and development of plants—*C* 2, *L* 4 or 6 hours. Professor HAZEN and Miss KINGSLEY

55–56—Morphology and classification of spermatophytes—Study of the Natural Orders. 4 or 6 hours. Professor HAZEN

153—Anatomy of vascular plants—*C* 2 and a minimum of *L* 6 hours. Professor RICHARDS and Miss LATHAM

[154—Physiology of plants from standpoint of nutrition—*C* 2 and a minimum of *L* 6 hours. Professor RICHARDS and Miss LATHAM]

[156—Physiology of plants from standpoint of growth—*C* 2 and a minimum of *L* 6 hours. Professor RICHARDS]

158—Structure and development of algæ—Advanced course. *C* 1, *L* 6 hours. Professor HAZEN

159—Structure and development of fungi—Advanced course. *C* 1, *L* 6 hours. Professor RICHARDS

Courses 158 and 159 are not usually given the same year.

160—Embryology and laboratory methods. Practice in methods of technique, with the study of the embryology of one or more types. 8 hours of laboratory work with occasional lectures and outside reading. Professor RICHARDS

161–162—Advanced physiology and morphology. Work will be arranged to suit the needs of the students. Professors RICHARDS and HAZEN

Equipment

The Department of Botany occupies the third floor of Schermerhorn, and the laboratories and lecture-rooms are thoroughly equipped with apparatus and material for morphological and physiological work.

Similar opportunities are offered to women in the laboratories at Barnard College.

By the agreement entered into between the University and the Garden, the herbarium and botanical library of the University (except such works as are needed for instruction) have been deposited in the Museum of the Botanical Garden at Bronx Park; the Garden on its part supplies all needed facilities for research for members of the staff and for properly accredited students. This combination of forces not only places the Department of Botany within reach of material, equipment, and collections not otherwise available, but opens up facilities for research work under conditions that are not excelled.

The Museum of the New York Botanical Garden is located in Bronx Park, and its entire upper floor is devoted to research. The physiological and morphological laboratories occupy the western end, and the taxonomic laboratories and herbarium the eastern end. Among the special features provided are to be mentioned the dark rooms,

photographic, operating, and balance room, and laboratory for physiological chemistry. Ample opportunity for experimental work is afforded by the open-air plantations and extensive horticultural houses, and the aggregation of collections available for students is exceptionally full in every group of plants.

The library comprises over 20,000 volumes in addition to complete sets of the important botanical journals, which now number over one hundred.

Chemistry

[1]Charles F. Chandler, M.D., Ph.D., LL.D., Sc.D....*Mitchill Professor*
[1]Charles E. Pellew, E.M.....*Assistant Professor*
Marston Taylor Bogert, LL.D.....*Professor of Organic Chemistry*
J. Livingston Rutgers Morgan, Ph.D.....*Professor of Physical Chemistry*
Henry C. Sherman, Ph.D.....*Professor of Organic Analysis*
Samuel A. Tucker, Ph.B.....*Assistant Professor of Electro-Chemistry*
Marie Reimer, Ph.D.....*Associate Professor (Barnard)*
Milton C. Whitaker, B.S., M.S.,....*Professor of Industrial Chemistry*
Everett J. Hall.....*Instructor in Assaying*
Floyd J. Metzger, Ph.D.....*Instructor in Analytical Chemistry*
Hal T. Beans, Ph.D.....*Instructor in Analytical Chemistry (Qualitative)*
Cavalier Hargrave Joüet, Ph.D.....*Instructor in Analytical Chemistry*
Arthur C. Neish, Ph.D.....*Instructor*
Eleanor Keller, A.M.....*Instructor (Barnard)*
Otto Kress, Ph.D.....*Instructor*
John M. Nelson, Ph.D.....*Instructor in Organic Chemistry*
William Cabler Moore, Ph.D.....*Instructor in Analytical Chemistry*
J. Enrique Zanetti, Ph.D.....*Instructor in Analytical Chemistry*
Cecilia M. Sillcox, A.B.....*Assistant (Barnard)*
Harry L. Fisher, A.B.....*Assistant in Organic Chemistry*
Robert F. McCrackan, A.M.....*Assistant in Quantitative Analysis*
Abraham Gross, A.M.....*Assistant in Organic Analysis*
Edward N. Milliken, A.M.....*Assistant in General Chemistry*
John S. Bates, A.B., B.S.....*Laboratory Assistant in Quantitative Analysis*
Fred W. Schwartz, B.S.....*Laboratory Assistant in Physical Chemistry*

[1]Absent on leave, 1910–11.

Courses

	Undergraduates only.	Graduates and Undergraduates.	Graduates only.
General and inorganic.....	1–19	100–119	200–219
Physical.....	20–39	120–139	220–239
Organic.....	40–59	140–159	240–259
Analytical and food.....	60–79	160–179	260–279
Industrial.....	80–99	180–199	280–299

See introductory paragraphs, page 53

Courses given in Havemeyer Hall, numbered between 100 and 200, may be closed to women in the discretion of the Instructor.

1–2—General elementary chemistry. *C* 3 hours, *L* 2 hours. Dr. NEISH and Mr. MILLIKEN

3–4—General inorganic chemistry. 2 lectures and 1 recitation. Professor WHITAKER, Dr. KRESS, and others

7–8—Inorganic chemistry. *C* 2 hours, *L* second half-year only, 5 afternoons. Professor WHITAKER

101–102—Advanced inorganic chemistry. 2 hours. Dr. METZGER

21–22—Elementary physical chemistry. *L* 2 hours first half-year, and 3 hours second half-year, *C* 1 afternoon during second half-year. Professor MORGAN and Mr. SCHWARTZ

37—Theoretical electro-chemistry. 2 hours. Professor MORGAN

23–24—Physical chemistry, *C* 2 hours, *L* 5 afternoons, second half-year only. Professor MORGAN

[1]26—Physical chemistry for College students. *C* 3 hours. Professor MORGAN

121–122—Physical chemistry, general course. *C* 3 hours, *L* 1 afternoon, first half-year only. Professor MORGAN and Mr. SCHWARTZ

221–222—Advanced physical chemistry, laboratory course. Conferences, and *L* at least 16 hours. Professor MORGAN

223–224—Advanced physical chemistry, research. Laboratory work and conferences. Professor MORGAN

61 or 62—Qualitative analysis. *C* 4 hours, *L* 15 hours. Dr. BEANS, Dr. ZANETTI, Dr. MOORE

67–68—Qualitative analysis for College students. *C* 2 hours, *L* 4 hours. Dr. NEISH and Mr. MILLIKEN

65—Quantitative analysis, inorganic, short course for Electrical Engineering. *C* 2 hours, *L* 6 hours. Dr. METZGER and Dr. JOÜET

[1]In the College Announcement of 1910–11, this course is incorrectly numbered 70.

66—Quantitative analysis, inorganic, for Mining Engineering. *C* 3 hours, *L* 12 hours. Dr. METZGER, Dr. JOÜET and Mr. MCCRACKAN

[1]71—Quantitative Analysis for College students. *C* 2 hours, *L* 6 hours. Dr. METZGER

161–162—Quantitative analysis, short course. 1 lecture and *L* 8 hours. Dr. METZGER and Mr. MCCRACKAN

163–164—Quantitative analysis. *C* 4 hours, *L* 12 hours. Dr. METZGER and Dr. JOÜET

167–168—Advanced inorganic analysis. *C* 2 hours, *L* 15 hours second half-year for students in the course in Chemistry who elect thesis work in this course. Dr. METZGER

261–262—Quantitative analysis—Special methods, gravimetric, volumetric, and electrolytic. Conferences and laboratory work at least 16 hours. Dr. METZGER

263–264—Research. Conferences and laboratory work. 20 hours. Original investigation in inorganic analysis or inorganic chemistry. Dr. METZGER

171—Organic and sanitary analysis. *C* 4 hours, and *L* 3 to 5 afternoons. Professor SHERMAN and Mr. GROSS

173–174—Advanced organic analysis. *C* 2 hours, and for students who elect thesis work in this course; *L* second half-year, 5 afternoons. Professor SHERMAN

176—Chemistry of food and nutrition. 3 hours. Professor SHERMAN

271–272—Special methods of organic analysis and food investigation. Conferences and laboratory work 12 hours. Professor SHERMAN and Mr. GROSS

273–274—Research. Conferences and laboratory work 20 hours. Original investigation in organic analysis or food chemistry. Professor SHERMAN

69 or 170—Assaying—Ores and metallurgical products. *C* 2 hours, *L* 3 afternoons, first half-year for Mining Engineering and Metallurgy, second half-year for Chemistry. Mr. HALL

160—Special methods of assaying ores, alloys, and furnace products —Comparison of methods and determination of losses. Conferences and laboratory work at least 8 hours. Mr. HALL

41–42—Organic chemistry, elementary lecture course. 2 hours or with 2 hours' laboratory work additional, counting as a 3-hour sequential course for College students. Dr. NELSON

43–44—Organic chemistry, elementary laboratory course. 8 hours. Dr. NELSON and Mr. FISHER

141–142—Organic chemistry—Comprehensive treatment of the sub-

[1]In the College Announcement of 1910-11 this course is incorrectly numbered 69.

ject. 3 lectures and 2 recitations, *L* first half-year, 4 afternoons. Professor BOGERT, Dr. NELSON, and Mr. FISHER

143–144—Organic chemistry. Conferences, 2 hours, and for students who elect thesis work in organic chemistry; *L* second half year, 5 afternoons. Professor BOGERT

150—Organic chemistry—The study of organic compounds and reactions with particular reference to their relation to commercial products and manufacturing processes. *C* 2 hours, *L* 9 hours. Dr. NELSON and Mr. FISHER

151–152—Advanced organic chemistry, laboratory course. (The synthesis and study of such important groups of organic compounds as (*a*) dyestuffs, (*b*) essential oils and perfumes, (*c*) alkaloids, (*d*) synthetic drugs and organic substances of special interest to the medical profession, or similar groups to be selected by conference with the instructor.) 6 hours. Professor BOGERT, Dr. NELSON, and Mr. FISHER

243–244—Advanced organic chemistry, research. Professor BOGERT and Dr. NELSON

81–82—Industrial chemistry, general course. 3 lectures. Professor WHITAKER and Dr. KRESS

83–84, 85–86—Industrial chemistry, special course for students in chemistry. 3 lectures for two years, one half the subject being discussed each year. Professor WHITAKER, Professor SHERMAN, and Dr. KRESS

87 or 88—Industrial chemistry, laboratory practice for students in chemistry. 3 afternoons. Professor WHITAKER, Dr. KRESS

89—Industrial chemistry, laboratory practice for students in chemistry. Special applications. 1 or 2 afternoons. Professor WHITAKER, Dr. KRESS

91–92—Chemical microscopy. *L* 4 hours. Professor WHITAKER, Dr. KRESS

93–94—Electro-chemistry. 2 hours, and in the second half-year 5 afternoons. Professor TUCKER

97—Chemical factory operation and management. 3 hours. Professor WHITAKER

183–184—Industrial electro-chemistry. Lectures and short laboratory course. 1 hour and the equivalent of 14 afternoons laboratory work. Professor TUCKER

181 or 182—Industrial electro-chemistry, laboratory practice. 10 hours a week. Professor TUCKER

295–296—Industrial chemistry, advanced course—Original research. Personal instruction and laboratory work. Professor WHITAKER

281–282—Electro-chemical research—Original investigations. 16 hours. Professor TUCKER

283–284—Advanced electro-chemical research. Private study and original investigations for two years. Professor TUCKER

80 (*a*)—Factory inspection and summer memoir, 2d year. Professor WHITAKER, Dr. KRESS

80 (*b*)—Factory inspection and summer memoir, 3d year. Professor WHITAKER, Dr. KRESS

Courses Given at Barnard College

The following courses are given separately at Barnard College: **5–6,** by Professor REIMER, Miss KELLER, and Miss SILLCOX; **63,** by Miss KELLER; **64,** by Miss KELLER; **41–42,** by Miss REIMER; **43–44,** by Professor REIMER; **145–146,** an advanced course in Organic Chemistry, by Professor REIMER; **105–106,** an advanced course in Inorganic Chemistry, by Miss KELLER

Other Courses

For courses in Chemistry given at Teachers College and for courses in Chemistry and Physiological Chemistry given at the College of Physicians and Surgeons and at the College of Pharmacy, see the Table of Contents and the special *Announcements* of these Schools.

Equipment

In Havemeyer Hall the Chemical Department is provided with ample space for its museum, lecture-rooms, and laboratories, and every convenience has been provided for both the instructors and students working in the general or special courses.

There are five chemical lecture-rooms, all fully supplied with apparatus and instruments, the desks being equipped with pneumatic troughs, gas, pressure, exhaust, and electricity. The large chemical lecture-room on the ground floor contains 315 seats.

The Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts, and numerous models, pictures, and diagrams.

The Qualitative Laboratory has 112 desks, each divided into two sections and each thoroughly equipped.

The Quantitative Laboratory has eighty-eight desks. Attached to the main laboratory is a large, well-equipped balance-room, containing accurate balances, and special rooms, provided with apparatus for gas, water, food, and electrolytic analysis.

The Assay Laboratory is provided with crucible and muffle furnaces,

both gas and coal, for the fire assay of ores; also with crushing, pulverizing, and sampling machinery, balance-room, storeroom, and thirty-six well-equipped working desks. It also contains all the apparatus necessary for the wet assay of silver bullion and for laboratory tests of ores.

The Organic Laboratory has forty large desks, provided with gas, water, exhaust, and electricity, and has special rooms for balances, pressure ovens, glass-blowing, and combustions.

The Laboratory of Industrial Chemistry, for the instruction of students in practical operations and the solution of problems in sanitary chemistry and hygiene, is equipped for the manufacture of pure chemicals from their raw materials on an industrial scale, with fine batteries of steam evaporators, and with steam stills, centrifugals, filter presses, crushers, and the like. It includes a dyeing laboratory with a large stock of dye-stuffs, and with the regular equipment for the practical testing of dyes, including a calico-printing machine. Connected with it is a photometer-room, containing a new and complete outfit for the practical testing of illuminants.

It also includes a laboratory for chemical microscopy, newly equipped with microscopes, polarized light apparatus, camera lucidas, etc., for the practical use of the microscope in chemical operations.

A new Laboratory for Practical Electro-Chemistry has been provided. The equipment consists of special motor-dynamos, one of which furnishes direct current at low voltages to the students' desks for general electrolytic work; the other provides heavy alternating current to the electric furnace room; this room is furnished with all appliances for electric furnace work. The students' desks are fitted with special switchboards and measuring instruments, and the laboratory has been arranged for carrying on research work in all branches of electrochemistry.

The Laboratory of Physical Chemistry is well equipped with the most recent apparatus adapted to a wide range of experimental work in the branches of heat, light, and electricity, etc., as applied to chemical problems.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical books and journals, and is open from 9.00 A.M. to 5.00 P.M.

The Department of Chemistry at Barnard College has laboratories well equipped with every facility for the proper study of the subjects offered. The desks have water, gas, and electricity. There is a small library of useful reference books in chemistry to which the students have free access during the entire day.

The laboratories and lecture-room of Teachers College are well equipped for illustrating the teaching of Chemistry in secondary and normal schools. In these the chemistry classes of the Horace Mann

School receive their instruction, and by observation and practical work in connection with the classes the students in Education 92 are enabled to become familiar with the duties of a teacher of Chemistry.

Chinese

(See Oriental Languages)

Civil Engineering

WILLIAM HUBERT BURR, C.E. ..... *Professor*
EARL BRINK LOVELL, C.E. ..... *Professor*
[1]ADOLPH BLACK, C.E. ..... *Assistant Professor*
JACOB PAUL JONES WILLIAMS, C.E., B.S., M.S. ..... *Assistant Professor*
JAMES S. MACGREGOR, M.S. ..... *Instructor*
JAMES K. FINCH, C.E. ..... *Instructor*
FREDERICK W. WITHERELL, S.B. ..... *Lecturer*
ELIHU CUNYNGHAM CHURCH, C.E., A.M. ..... *Lecturer*
MORTIMER F. SAYRE, E.M. ..... *Assistant*
HAROLD PERRINE, A.B., A.M., C.E. ..... *Assistant*

Courses

See introductory paragraphs, page 53

12—Theory of plane surveying—for engineering students. 2 hours. Professor LOVELL and Mr. FINCH and Mr. SAYRE

15—Surveying practice—five weeks' field work. Professor LOVELL, Mr. FINCH, and Assistants

21—Road engineering. 2 hours. Professor LOVELL

23—Theory of railroad surveying—for mining engineering students. 2 hours and one afternoon. Professor LOVELL and Mr. FINCH

25—Surveying practice—for civil engineering students,—five weeks' field work. Professor LOVELL, Mr. FINCH, and Assistants

26—Hydrographic surveying—combined with geodetic surveying and together requiring five weeks—for civil engineering students,—two weeks' field and office work. Professor LOVELL, Mr. FINCH, and Assistants

27—Surveying practice—for mining engineering students,—five weeks' field work. Professor LOVELL, Mr. FINCH, and Assistants

28—Railroad surveying—for mining engineering students,—three weeks' field work. Professor LOVELL, Mr. FINCH, and Assistants

51–52—Theory of railroad location—for civil engineering students, 2 hours and one afternoon first half-year, 3 hours and one afternoon second half-year. Professor LOVELL and Mr. FINCH

[1] Absent during year 1910–11 on leave.

53—Resistance of materials. 5 hours and one afternoon. Professor BURR, Professor WILLIAMS, Mr. MACGREGOR, and Mr. SAYRE

54—Resistance of materials. Design work. One afternoon. Professors BURR, WILLIAMS, and Mr. SAYRE

58—Masonry structures. 3 hours and one afternoon. Professor WILLIAMS

59—Sanitary treatment of water-supplies and of sewage. 2 hours. Mr. WITHERELL

61—Theory of trusses. 2 hours and one afternoon. Professor WILLIAMS

62—Graphic statics—for civil engineering students. 2 hours and one afternoon. Professor WILLIAMS

64—Graphic statics—for mining engineering students. 1 hour and one afternoon. Professor WILLIAMS

71—Railroad surveying—for civil engineering students,—four weeks' field work. Professor LOVELL, Mr. FINCH, and Assistants

75—Hydraulics—for civil engineering students. 4 hours. Mr. WITHERELL

76—Hydraulics—for mining engineering students. 3 hours (during March, April, and May). Mr. WITHERELL

77—Hydraulics—for electrical engineering students. 2 hours. Mr. WITHERELL

78—Hydraulics—for mechanical engineering students. 2 hours. Mr. WITHERELL

85—Foundations. 2 hours. Professor BURR

87–88—Design of bridges and buildings. 2 hours and two afternoons. Professor BURR and Professor WILLIAMS

89–90—Railroad engineering, construction, and operation. 3 hours and one afternoon. Professor LOVELL and Mr. FINCH

94—The design and construction of sewers and irrigation works. 2 hours. Mr. WITHERELL

96—Engineering contracts and specifications. 2 hours.

98—Water supply, and river and harbor improvements. 2 hours. Mr. WITHERELL

100—Graduation thesis—a project or thesis on some civil engineering subject, approved by the head of the department, is required of every candidate for the degree of Civil Engineer

Summer Courses in Surveying

These courses are conducted during fifteen weeks each summer vacation at a point in the country near Litchfield, Conn., where ample facilities are provided for all requisite operations, and where

the topography is admirably adapted to the practical work of surveying. The courses there given are those announced above under the numbers 15, 25, 26, 27, 28, and 71. The University issues a special pamphlet with regard to these courses, which may be had upon application to the Secretary.

Advanced Courses

Minor Subjects

153–154—Elasticity and resistance of materials.

257–258—Elastic and masonry arches. Conferences with reading and design work as required. Based upon Course 58.

275–276—Hydraulics (75 with additional reading).

285–286—Foundations, including theory of earth pressure (85 with additional reading).

287–288—Long-span bridges. Conferences with reading and design work as required. Based upon Courses 87–88.

Major Subjects

259–260—Sanitary engineering. Based upon Course 59.

277–278—Hydraulic engineering, including the hydraulics of rivers and power plants and municipal water-works.

279–280—Municipal engineering, including water-works, sewers and sewage-works, streets, and other public works, and their administration.

289–290—The engineering of structures, including long-span bridges and deep foundations, with methods of building them, and advanced work in elasticity and resistance of materials.

Equipment

The department possesses an unusually full equipment of engineers' and solar transits, levels, plane tables, compasses, and all accessories, as well as smaller instruments. Current meters, hook gauges, and floats of various types are also used in making observations on the flow in and discharge of rivers and canals. A complete set of sections of iron and steel shapes, models, and photographs of engineering works, together with working plans of the latter, are in the department for the use of students. The hydraulic laboratory affords opportunity for the practical operations of measuring the discharge through weirs and other orifices, the flow through open channels and closed pipes, frictional and other resistances in pipes and open channels, as well as for meter gaugings, and for general hydraulic investigations. The testing work in the mechanical laboratory includes the complete tests of various structural materials in tension, compression, bending, and torsion, including the observation and digesting of all corresponding data.

A cement-testing laboratory is fully equipped with testing machines, briquette moulds, tanks, and other apparatus requisite for all classes of investigation in the nature and physical properties of cements and cement mortars. All students are required to make and test briquettes of cement and cement mortar, as well as to ascertain the weight, fineness, and other physical properties of such cement, sand, and mortar as may be assigned to them for examination.

A laboratory for the testing of road materials is equipped with all the necessary apparatus for the determination of the wearing and cementing qualities of stone or other road material.

In addition, a great variety of large engineering works is continually in process of construction in New York City and vicinity, and the requisite steps are always taken to render them accessible to the students of the departments for examination and study.

The library facilities consist of an extensive collection of foreign and domestic engineering books and periodicals, to which additions are constantly being made. The collection of engineering literature forms a part of the general Library of the University, and is available for both undergraduate and graduate study.

Classical Philology

EDWARD DELAVAN PERRY, Ph.D., LL.D. ..... *Jay Professor*
JAMES RIGNALL WHEELER, Ph.D., LL.D. ..... *Professor*
JAMES CHIDESTER EGBERT, Ph.D. ..... *Professor*
GONZALEZ LODGE, Ph.D., LL.D. ..... *Professor*
NELSON GLENN MCCREA, Ph.D. ..... *Professor*
CLARENCE HOFFMAN YOUNG, Ph.D. ..... *Professor*
CHARLES KNAPP, Ph.D. ..... *Professor*
GEORGE N. OLCOTT, Ph.D. ..... *Associate Professor*
FRANK GARDNER MOORE, Ph.D. ..... *Professor*
LARUE VAN HOOK, Ph.D. ..... *Associate Professor*
DEAN PUTNAM LOCKWOOD, Ph.D. ..... *Assistant Professor*
[1]THEODORE LESLIE SHEAR, Ph.D. ..... *Associate*
GERTRUDE MARY HIRST, Ph.D. ..... *Instructor*
ROSCOE GUERNSEY, Ph.D. ..... *Instructor*
EDGAR HOWARD STURTEVANT, Ph.D. ..... *Instructor*
THEODORA ETHEL WYE, B.S. ..... *Assistant*
GRACE HARRIET GOODALE, A.B. ..... *Assistant*

Undergraduate Courses, Columbia College

See introductory paragraphs, page 53

Greek

1–2—Elementary course. 5 hours. Professor LOCKWOOD

[1] Absent on leave.

3—Lysias, Plato. 3 hours. Professor YOUNG

4—Homer. 3 hours. Professor YOUNG

5—Euripides, Æschylus or Sophocles. 3 hours. Professor PERRY

6—Demosthenes. 3 hours. Professor PERRY

11–12—Prose composition. First course. 1 hour. Dr. GUERNSEY

17–18—Prose composition. Second course. 1 hour. Dr. GUERNSEY

25—Greek drama. 3 hours. Dr. GUERNSEY

26—Herodotus, Thucydides. 3 hours. Dr. GUERNSEY

27–28—Advanced prose composition. 1 session weekly counting as 2 hours. Dr. GUERNSEY

29—New Testament Greek. Selected Epistles. 2 hours. Professor YOUNG

30—New Testament Greek. St. Matthew, Acts. 2 hours. Professor YOUNG

Latin

A1—Terence, Phormio. Livy (Books XXI–XXII). 3 hours. Professors MCCREA, MOORE, OLCOTT, VAN HOOK, LOCKWOOD, and Dr. GUERNSEY

A2—Horace, Odes and Epodes. Catullus. 3 hours. Professors MCCREA, MOORE, OLCOTT, VAN HOOK, LOCKWOOD, and Dr. GUERNSEY

1—Horace, Satires and Epistles. Tacitus, Agricola. 3 hours. Professor LOCKWOOD

2—Juvenal, Satires. Pliny, Letters. 3 hours. Professor MOORE

3—Tacitus, Annales I–VI. 3 hours. Professor MOORE

4—Vergil, selections from the Eclogues, Georgics, and Æneid I–XII. 3 hours. Professor MCCREA

11–12—Elementary prose composition. 1 hour. Professor LOCKWOOD

13–14—Intermediate prose composition. 1 hour. Professor OLCOTT

15–16—Advanced prose composition. 1 hour. Professor MOORE

17—Cicero, Tusculans (I). Lucretius, selections. 3 hours. Professor MCCREA

18—Plautus (3 plays). Terence (1 play). Seneca (1 play). 3 hours. Professor KNAPP

19—Petronius, selections. 3 hours. Professor OLCOTT

20—Apuleius, selections. 3 hours. Professor OLCOTT

51–52T—Latin readings. 3 hours. Professor LODGE

Undergraduate Courses, Barnard College

Greek

1–2—Beginners' course. 5 hours. Dr. STURTEVANT

3—Homer, Odyssey. Greek life and thought. 3 hours. Professor VAN HOOK

4—Euripides, Ion and Medea. Greek life and thought. 3 hours. Professor VAN HOOK

5—Herodotus, selections. Prose composition weekly. 3 hours. Dr. HIRST

6—Plato, Protagoras. Prose composition weekly. 3 hours. Dr. HIRST

7—Sophocles, Œdipus Tyrannus and Antigone. 3 hours, counting as 4. Professor PERRY

8—Thucydides, selections from Books VI and VII. 3 hours, counting as 4. Professor PERRY

9–10—Greek literature. Lectures and required reading. 3 sessions weekly, counting as 4 hours. Professor VAN HOOK

11–12—Elementary prose composition. 1 hour. Professor VAN HOOK

13–14—Advanced prose composition. 1 hour. Dr. HIRST

19–20—Greek life and thought. 1 hour. Professor VAN HOOK

Latin

A1—Vergil, Eclogues. Ovid, selections. Lectures and readings in Roman life and thought. 3 hours. Professors MOORE and VAN HOOK

A2—Horace, selections from Odes. Lectures and readings in Roman life and thought. 3 hours. Professors MOORE and VAN HOOK

B1—Cicero, De Senectute and De Amicitia. Prose composition weekly. 3 hours. Dr. HIRST and Dr. STURTEVANT

B2—Livy, selections from Books XXI and XXII. Prose composition weekly. 3 hours. Dr. HIRST and Dr. STURTEVANT

1—Horace, Sermones. 2 hours. Professor KNAPP

2—Catullus. Martial. 2 hours. Dr. HIRST

3—Terence, Andria and Phormio. 2 hours. Dr. STURTEVANT

4—Plautus, Mostellaria and Rudens. 2 hours. Dr. STURTEVANT

5—Cicero, De Officiis. 3 hours. Dr. HIRST

6—Lucretius. 3 hours. Professor MCCREA

9–10—Latin literature. 3 sessions weekly, counting as 4 hours. Professor KNAPP

11–12—Elementary prose composition. 1 hour. Professor KNAPP

15–16—Intermediate prose composition. 1 hour. Dr. HIRST

17–18—Advanced prose composition. 1 hour. Dr. HIRST

19–20—Roman life and thought. 1 hour. Professor KNAPP

51–52T—Latin readings. 3 hours. Professor LODGE

Graduate Courses

Greek

27–28—Advanced prose composition. 1 session weekly. Dr. GUERNSEY

103–104—Greek literature. Part II: Prose. 3 hours. Professor WHEELER

107—Aristotle, The Constitution of Athens. 3 hours. Professor YOUNG

108—Greek historians, selections. 3 hours. Professor YOUNG

109—The elegiac, iambic, and bucolic poets. 3 hours. Professor YOUNG

110—The melic poets. 3 hours. Professor PERRY

111—Aristotle, Poetics. 3 hours. Professor WHEELER

112—Rapid reading of Greek drama. 3 hours. Professor WHEELER

253—Greek epigraphy, Part I. 2 hours. Professor WHEELER

254—Greek epigraphy, Part II. 2 hours. Professor WHEELER

Teachers College

Education 171–172—Theory and practice of teaching Greek in secondary schools—Lectures, reports, and practical work. 3 hours. Professor LODGE

Latin

119—Prose composition (advanced course). Latin idiom. 2 hours. Professor MCCREA

120—Prose composition (advanced course). Construction of the paragraph. 2 hours. Professor MCCREA

151—Roman epigraphy (introductory course). 2 hours. Professor EGBERT

152—Roman epigraphy. Official and sepulchral inscriptions. 2 hours. Professor EGBERT

201–202T—Latin conversation. 2 hours. Professor LODGE

215–216—Epic poetry. 3 hours. Professor MCCREA

217—Roman philosophy. 3 hours. Professor MCCREA

220—Tacitus, Historiæ. 3 hours. Professor MOORE

223—The Italic dialects—Latin-Faliscan, Marsian, Oscan-Sabellian, Umbrian. 2 hours. Professor OLCOTT

257—Roman epigraphy (advanced course) Part I. 2 hours. Professor OLCOTT

258—Roman epigraphy (advanced course) Part II. 2 hours. Professor OLCOTT

Teachers College

Education 175–176—Theory and practice of teaching Latin in secondary schools—Lectures, reports, and practical work. 3 hours. Professor LODGE

Education 275–276—Practicum in Latin. Cæsar and Vergil. 2 hours. Professor LODGE

Education 375–376—Seminar. Problems in Latin syntax. Professor LODGE

Classical Archæology

Greek

149—Greek archæology (introductory course). 3 hours. Professors WHEELER and YOUNG

152—Greek archæology. Part I: Vases and Painting. 3 hours. Professor WHEELER

155–156—Greek life. 2 hours. Professor YOUNG

157—Pausanias. 3 hours. Professor YOUNG

Latin

175—The topography and monuments of ancient Rome. Part I. 2 hours. Professor OLCOTT

176—The topography and monuments of ancient Rome. Part II. 2 hours. Professor OLCOTT

229—Ancient civilization in Italy. Part I. 2 hours. Professor OLCOTT

230—Ancient civilization in Italy. Part II. 2 hours. Professor OLCOTT

260—Archæological readings in Greek and Latin authors. 2 hours. Professor OLCOTT

262—Introduction to the study of Roman numismatics. 2 hours. Professor OLCOTT

Classical Proseminar

Lectures on the principles and methods of classical study, with Greek and Latin bibliography. 2 hours. Professor KNAPP

Classical Seminar

Greek section. Thucydides. One session of two consecutive hours in alternate weeks. Professor PERRY

Latin section. Plautus. One session of two consecutive hours in alternate weeks. Professor KNAPP

Clinical Instruction

in Dermatology, Genito-Urinary Diseases, Laryngology, Ophthalmology, Orthopedic Surgery, and Otology. For Clinical Instruction in Medicine, Surgery, Obstetrics, Gynecology, Hydrotherapy, Neurology, and Pediatrics, details will be found under the general heading of these departments.

VIRGIL P. GIBNEY, M.D., LL.D.....*Professor of Orthopedic Surgery*
WILLIAM K. SIMPSON, M.D.....*Professor of Laryngology*
ARNOLD H. KNAPP, M.D.....*Professor of Ophthalmology*
GORHAM BACON, M.D.....*Professor of Otology*
JAMES R. HAYDEN, M.D.....*Professor of Genito-Urinary Diseases*
ROYAL WHITMAN, M.D.....*Assistant Professor of Orthopedic Surgery*
GEORGE T. JACKSON, M.D.....*Professor of Dermatology*
WALTER F. CHAPPELL, M.D.....*Professor of Clinical Laryngology*
ROBERT LEWIS, Jr., M.D.....*Professor of Clinical Otology*
RUDOLF C. DENIG, M.D.....*Professor of Clinical Ophthalmology*
RICHARD FROTHINGHAM, M.D.....*Instructor in Laryngology*
WARD A. HOLDEN, M.D.....*Chief of Clinic and Instructor in Ophthalmology*
HENRY H. TYSON, M.D.....*Instructor in Ophthalmology*
SAMUEL W. THURBER, M.D.....*Chief of Clinic and Instructor in Laryngology*
WALTER S. REYNOLDS, M.D....*Chief of Clinic and Instructor in Genito-Urinary Diseases*
CHARLES H. JAEGER, M.D.....*Chief of Clinic and Instructor in Orthopedic Surgery*
T. LAURANCE SAUNDERS, M.D..*Chief of Clinic and Instructor in Otology*
HARMON SMITH, M.D.....*Instructor in Clinical Laryngology*
JOHN H. P. HODGSON, M.D.....*Chief of Clinic and Instructor in Dermatology*
WILLIAM BLANCARD, M.D.....*Instructor in Genito-Urinary Diseases*
HUGH B. BLACKWELL, M.D.....*Instructor in Clinical Otology*
FRED. H. ALBEE, M.D.....*Instructor in Orthopedic Surgery*
BRANDRETH SYMONDS, M.D.....*Lecturer on Life Insurance*

Clinical Assistants

In Orthopedic Surgery

SIGMUND EPSTEIN, M.D. IRVING D. STEINHARDT, M.D.
WILLIAM FRIEDER, M.D.

In Otology

MATTHEW L. CARR, M.D. ALFRED MICHAELIS, M.D.

In Dermatology

John Aldrich, M.D.
Charles T. Dade, M.D.
S. Dana Hubbard, M.D.
James D. Gold, M.D.
Geo. Howard Fox, M.D.
Selden I. Rainforth, M.D.
Charles W. McMurtry, M.D.
William H. Morrison

In Ophthalmology

Gerald H. Grout, M.D.
Christopher J. Astle, M.D.
Nathan Goodfriend, M.D.
Michael A. Conboy, M.D.

In Laryngology

Arthur P. Coll, M.D.
John Leshure, M.D.
F. Conger Smith, M.D.
C. D. Van Wagenen, M.D.
T. Joseph Barry, M.D.
Charles Osgood, M.D.
Irving W. Voorhees, M.D.
Charles Allen Whiting, M.D.

In Genito-Urinary Diseases

Walter B. Brouner, M.D.
James A. Cowan, M.D.
Maynard S. Owen, M.D.
John C. McCarthy, M.D.
J. Emmett Tower, M.D.
Bernard Kohn, M.D.

All communications regarding these courses should be addressed to the Dean of the Faculty of Medicine, 437 West 59th Street.

Courses

See introductory paragraphs, page 53

In Dermatology

51–52—Clinical instruction in diagnosis and treatment at the Vanderbilt Clinic. 12 lessons for each student. Dr. Hodgson

53–54—Systematic instruction at the Vanderbilt Clinic. 16 lessons for each student. Professor Jackson

55–56—Histo-pathology of skin diseases (optional). Dr. McMurtry

In Genito-Urinary Diseases

51–52—Genito-urinary diseases. Clinical lectures at the Vanderbilt Clinic. 1 hour. Professor Hayden

53–54—Practical instruction at the Vanderbilt Clinic. 12 lessons for each student. Dr. Reynolds

56—Hospital clinics. Bellevue Hospital, September to February. Professor Hayden

57–58—Practical instruction in treatment at Vanderbilt Clinic. 6 exercises. Dr. Blancard

In Laryngology

51–52—Practical clinical lectures. 1 hour. Professor SIMPSON

53–54—Practical clinical instruction to sections in the use of instruments. 12 lessons for each student. Dr. THURBER

55–56—Individual clinical demonstrations, special attention being given to the questions of general diagnosis, differential and bacteriological diagnosis, and treatment. Dr. FROTHINGHAM

57–58—Operative clinics at the Manhattan Eye, Ear, and Throat Hospital. Professor CHAPPELL and Dr. SMITH

In Ophthalmology

52—Clinical lectures at the Vanderbilt Clinic. 1 hour. Professor KNAPP

53–54—Practical instruction at the Vanderbilt Clinic. 12 lessons for each student. Drs. HOLDEN and TYSON

56—Operative clinics at the N. Y. Ophthalmic and Aural Institute. Professor KNAPP

In Orthopedic Surgery

51–52—Clinic in orthopedic surgery and diseases of the joints at the Vanderbilt Clinic. 1 hour. Professor GIBNEY

53–54—Practical instruction. 8 lessons for each student, at the Hospital for Ruptured and Crippled. Professor WHITMAN.

55–56—Practical instruction. 8 lessons for each student, at the Vanderbilt Clinic. Dr. JAEGER

57–58—Bedside instruction in radiography. 4 lessons. Dr. ALBEE

59–60—Operations at the Hospital for Ruptured and Crippled (optional). Professor GIBNEY

In Otology

51—Didactic lectures in pathology and therapeutic methods. 1 hour. Professor BACON

53–54—Practical instruction at the Vanderbilt Clinic. 12 lessons for each student. Drs. MICHAELIS and SAUNDERS

55–56—Operative clinics at the New York Eye and Ear Infirmary. Professors BACON and LEWIS

Clinical Pathology

FRANCIS CARTER WOOD, M.D. ..... *Professor*
KARL M. VOGEL, M.D. ..... *Assistant Professor*
D. STUART DODGE JESSUP, M.D. ..... *Instructor*
PETER IRVING, M.D. ..... *Assistant*

EDWARD CUSSLER, M.D.....*Assistant*
J. GARDNER HOPKINS, M.D.....*Assistant*
ROBERT G. SNYDER, M.D.....*Assistant*

Close association is maintained between this department and the Departments of Pathology and Bacteriology and Hygiene, so as to facilitate instruction and research in these closely allied subjects.

See introductory paragraphs, page 53

Courses

52—Systematic instruction in clinical pathology. 6 hours for one quarter of the academic year. Professors WOOD and VOGEL and Drs. JESSUP and HOPKINS

53–54—Practical exercises in clinical pathology to sections in the Vanderbilt Clinic laboratory. 10 hours for one fourth of the academic year. Professors WOOD and VOGEL and Drs. CUSSLER, IRVING, and SNYDER

200—Special laboratory course in clinical pathology. Professors WOOD and VOGEL

Research

Qualified workers may pursue research either in the laboratory of Clinical Pathology on the fourth floor of the north wing of the College building, in the Vanderbilt Clinic laboratory, or in the Pathological laboratories of St. Luke's Hospital. Professors WOOD and VOGEL

Equipment

Systematic instruction in clinical pathology is given in the west lecture-room on the fifth floor of the Vanderbilt Clinic building. Students are furnished with apparatus sufficient to enable them to carry out such tests as are necessary for the exposition of the subject; and demonstrations are made of special methods and more complicated apparatus. In order to permit the student to make independently such examinations as are needed in the diagnosis and treatment of disease, a new laboratory has been erected between the Vanderbilt Clinic and the Sloane Maternity Hospital, with accommodations and apparatus for twenty workers. In this laboratory the students make examinations of the secretions and excretions of patients from the clinical courses at the Vanderbilt Clinic and the hospitals.

Comparative Literature (Courses in)

1–2—Introduction to European literature from the Renaissance to the present day. 3 hours. Professor SPINGARN

203–204—History of literary criticism in modern Europe. 2 hours. Professor SPINGARN

209–210—The Renaissance in Europe. Introductory course. 2 hours. Professors FLETCHER and SPINGARN

[**211–212**—The romantic movement in Europe: Introductory course. 2 hours. Professors THOMAS, FLETCHER and SPINGARN

[**213–214**—The literary relations of England and the Continent in the sixteenth century. 2 hours. Professor FLETCHER]

221–222—Seventeenth-century literature, with special reference to continental influences in England. 2 hours. Professor SPINGARN

223–224—Mediæval literature: Romances. 2 hours. Professor LAWRENCE

[**225–226**—Mediæval literature: Ballad and epic. 2 hours. Professor LAWRENCE]

[**241–242**—Development of the drama. 2 hours. Professor BRANDER MATTHEWS]

243–244—Dramatists of the nineteenth century. 2 hours. Professor BRANDER MATTHEWS

245–246—Moliére and modern comedy. 2 hours. Professor BRANDER MATTHEWS

301–302—Seminar—Dante and mediæval culture. 2 hours. Professor FLETCHER

303–304—Seminar—Special problems in the history of criticism. 2 hours. Professor SPINGARN

305–306—Seminar—The development of social ideals in modern literature. 2 hours. Professor SPINGARN

309–310—Seminar—Discussion of dissertations. 2 hours. Professors FLETCHER, SPINGARN and LAWRENCE

Design

For list of officers and other information see Faculty of Fine Arts

1–2—History of art—Collateral reading and research. 4 hours. Professors ALEXANDER and DOW and Mr. E. R. SMITH

101–102—History of art—Advanced reading and research. 8 hours. Professors ALEXANDER and DOW and Mr. E. R. SMITH

Diseases of Children

L. EMMETT HOLT, M.D., LL.D., Sc.D.....*Carpentier Professor*
LINNAEUS EDFORD LA FETRA, M.D....*Associate and Chief of Clinic*
HENRY W. BERG, M.D..... *Instructor*
JOHN HOWLAND, M.D..... *Instructor*

Frederick H. Bartlett, M.D. ..... *Instructor*
Sidney V. Haas, M.D. ..... *Assistant*
Herbert B. Wilcox, M.D. ..... *Assistant*
Lewis M. Silver, M.D. ..... *Assistant*
Arthur W. Bingham, M.D. ..... *Assistant*
Andrew B. Yard, M.D. ..... *Assistant*
Charles Herrman, M.D. ..... *Assistant*

Abraham Jacobi, M.D., LL.D. ..... *Emeritus Professor*

Clinical Assistants

Ira S. Wile, M.D.
Geo. A. Schnepel, M.D.
B. Wallace Hamilton, M.D.
P. Clinton Pumyea, M.D.
Irving D. Steinhardt, M.D.
T. J. Abbott, M.D.

Courses

See introductory paragraphs, page 53

51—Clinical lectures at the Vanderbilt Clinic. 1 hour. Professor Holt

52—Didactic lectures at the College. 1 hour. Professor Holt

53–54—Hospital clinic—Foundling or Babies' Hospital. 3 hours a week. Professor Holt

55–56—Practical instruction at the Vanderbilt Clinic in diagnosis and treatment. 12 lessons for each student. Dr. La Fetra and Assistants

57—A weekly recitation in pediatrics for each student for half the year. Dr. Bartlett

59–60—Bedside instruction in contagious diseases at the Willard Parker and Scarlet Fever Hospitals to small sections of the class. Drs. Howland and Berg

61–62—Practical clinical instruction—Bellevue Hospital Out-Patient Department. Drs. Howland and Wilcox

Bedside instruction in the wards of Bellevue Hospital. Dr. Howland

Post-Graduate Instruction

A limited number of students will be received in this department for post-graduate instruction.

No students will be admitted for less than one half the academic year.

The instruction will include clinical work in general diagnosis and treatment of diseases of children in the wards of the Babies' and Foundling Hospitals, in the Children's Ward of Bellevue, and in the Vanderbilt Clinic, together with special instruction in contagious diseases at Willard Parker and the Scarlet Fever Hospitals, and opportunities for witnessing post-mortem examinations.

Domestic Art and Domestic Science

Some seventy courses in these and related fields are provided by the School of Household Arts of Teachers College and described in the special circular of that School and in the general *Announcement of Teachers College.*

Economics and Social Science

EDWIN R. A. SELIGMAN, Ph.D., LL.D. ..... *McVickar Professor*
FRANKLIN HENRY GIDDINGS, Ph.D., LL.D. ..... *Professor*
[1] JOHN BATES CLARK, Ph.D., LL.D. ..... *Professor*
HENRY ROGERS SEAGER, Ph.D. ..... *Professor*
HENRY LUDWELL MOORE, Ph.D. ..... *Professor*
VLADIMIR G. SIMKHOVITCH, Ph.D. ..... *Associate Professor*
[1] EDWARD THOMAS DEVINE, Ph.D., LL.D. ..... *Schiff Professor*
SAMUEL MCCUNE LINDSAY, Ph.D., LL.D. ..... *Professor*
HENRY R. MUSSEY, Ph.D. ..... *Assistant Professor*
MARY KINGSBURY SIMKHOVITCH, A.B. (Mrs.) ..... *Associate*
GEORGE J. BAYLES, Ph.D. ..... *Associate in Ecclesiology*
ALVAN A. TENNEY, Ph.D. ..... *Instructor*
EUGENE E. AGGER, Ph.D. ..... *Lecturer*
LILIAN BRANDT, M.A. ..... *Assistant*
E. STAGG WHITIN, Ph.D. ..... *Assistant*

Courses in Political Economy and Finance

See introductory paragraphs, page 53

A1–A2—Outlines of economics—Practical economic problems. Recitations, lectures, and essays. 3 hours. Professor MUSSEY and Dr. AGGER—(Barnard College)

1–2—Introduction to economic—Practical economic problems—Lectures and recitations. 3 hours. Professor SELIGMAN, Professor MUSSEY, and Dr. AGGER

101—Science of finance—I: Public revenues—Lectures and private reading. 2 hours. Professor SELIGMAN

102—Science of finance—II: Public expenditures, public debts, and the budget—Lectures and private reading. 2 hours. Professor SELIGMAN

104—Commerce and commercial policy—Lectures, discussions, and reading. 2 hours. Professor MUSSEY

105—The labor problem—Lectures and private reading. 2 hours. Professor SEAGER

This course is also given at Barnard College as a three-hour (four point) course (116)

[1] Absent on leave first half year.

106—The trust and corporation problem — Lectures and private reading. 2 hours. Professor SEAGER

[107—Fiscal and industrial history of the United States—Lectures and private reading. 2 hours. Professor SELIGMAN]

[108—Railroad problems, economic, social, and legal—Lectures and private reading. 2 hours. Professor SELIGMAN]

109—Socialism—Lectures and private reading. 2 hours. Professor V. G. SIMKHOVITCH

This course is given at Barnard College by Professor CLARK

[110—Theories of social reform—Lectures and private reading. 2 hours. Professor CLARK]

This course, combined with the previous course (109) under the title "Socialism and social reform," is given at Barnard College as a three-hour (four point) course (115)

[112—Money and banking. Lectures, discussions, and reading. 2 hours. Professor SEAGER]

181—Development of the world's commerce from the sixteenth century—Lectures and private reading. 2 hours. Professor DAENELL

201—Economic readings—I: Classical English economists—Lectures, assigned readings, and reports. 2 hours. Professor SEAGER

203—History of economics to Adam Smith—Lectures and private reading. 2 hours. Professor SELIGMAN

204—History of economics since Adam Smith—Lectures and private reading. 2 hours. Professor SELIGMAN

[205—Economic theory—I: The static laws of distribution—Lectures and private reading. 2 hours. Professor CLARK]

[206—Economic theory—II: The dynamic laws of distribution —Lecture and private reading. 2 hours. Professor CLARK]

207—Theory of statistics—Lectures and laboratory. 2 hours. Professor H. L. MOORE

210—Social statistics—Lectures and laboratory. 2 hours. Professor MOORE

[241—Economic and social evolution of Russia since 1800. 2 hours. Professor V. G. SIMKHOVITCH]

242—Radicalism and social reform as reflected in the literature of the nineteenth century. 2 hours. Professor V. G. SIMKHOVITCH

301–302—Seminar in political economy and finance. 2 hours. Professors SELIGMAN and SEAGER

301*a*–302*a*—Seminar in political economy and finance. 2 hours. Professors SIMKHOVITCH and MUSSEY

Courses in Sociology and Statistics

151—Principles of sociology: analytical and descriptive. 2 hours. Professor GIDDINGS and Dr. TENNEY

152—Principles of sociology: historical. 2 hours. Professor GIDDINGS and Dr. TENNEY

251—Social evolution: ethnic and civil origins—Lectures and private reading. 2 hours. Professor GIDDINGS

252—Social evolution: civilization, liberty, and democracy—Lectures and private reading. 2 hours. Professor GIDDINGS

255—Theory of statistics—Lectures and laboratory. 2 hours. Professor H. L. MOORE

256—Social statistics—Lectures and laboratory. 2 hours. Professor H. L. MOORE

[257—Historical types of society, ancient: the theory of progress. Lectures and private reading. 2 hours. Professor GIDDINGS]

[258—Historical types of society, modern: the theory of progress. Lectures and private reading. 2 hours. Professor GIDDINGS]

259—Ecclesiology—Lectures and private reading. 1 hour. Dr. BAYLES

311–312—General seminar. Sociological theory. 2 hours, bi-weekly. Professor GIDDINGS and Dr. TENNEY

315–316—Seminar in modern problems of social evolution. 2 hours, bi-weekly. Dr. TENNEY

317–318—Advanced Seminar. Problems and methods of sociological research. 2 hours, bi-weekly. Professor GIDDINGS

319–320—The relation of social theory to public policy. A research course. 2 hours. Professor GIDDINGS

Courses in Social Economy

111—The industrial family. 2 hours. Mrs. M. K. SIMKHOVITCH (Teachers College)

112—Social progress in cities. 2 hours. Mrs. M. K. SIMKHOVITCH (Teachers College)

[281—Misery and its causes. Lectures and discussions. 2 hours. Professor DEVINE]

[282—Efficiency and relief. Lectures and discussions. 2 hours. Professor DEVINE]

[283–284—Social legislation: (I) Workshop and factory; (II) Family, home, and school. Lectures and private reading. 2 hours. Professor LINDSAY]

285—The standard of living. 2 hours. Miss BRANDT

286—Social aspects of crime and abnormality. Professor DEVINE

287–288—Social legislation: (III) Urban and rural community life. (IV) Methods and tendencies in law making. Lectures and private reading. 2 hours. Professor LINDSAY

321–322—Seminar in social economy. 2 hours. Professor DEVINE and Miss BRANDT

323–324—Seminar in social legislation. 2 hours. Professor LINDSAY

Equipment

The Library facilities are unexcelled. Every journal of importance, American or foreign, dealing with economics or social science, is taken regularly by the Library. Any book needed by advanced students can usually be bought at once. The special library of history and political science alone comprises more than eighty thousand volumes.

Students of economics and social science will find New York a centre of library facilities unrivalled elsewhere in this country. In addition to the University Library, there are rich treasures at the New York Public Library on the Astor, Lenox, and Tilden foundation, New York Historical Library, Long Island Historical Library, Library of the New York School of Philanthropy, the Bar Association Library, and the Law Institute Library, to each of which students have access under favorable conditions. Advanced students also have at their disposal the library of the McVickar Professor of Political Economy, which contains the most complete collections of works on earlier economics to be found in the United States.

The facilities offered to students of sociology and social economy include a large library of general and special works, and unusual opportunities for field work. A generous gift for works on sociology has provided a very complete equipment of publications on sociological theory, the history of the family, pauperism, crime, and penology. Arrangements have been made with the Charity Organization Society, the State Charities Aid Association, the University Settlement, the East-Side House, and the Brooklyn Bureau of Charities by which students can become fully acquainted with actual work among the people and with the most perfect methods.

The Statistical Laboratory, conducted by Professor H L. Moore, is equipped with the Hollerith tabulating machines, comptometers, and all other modern facilities.

Students also have the privilege of attending all of the courses in the School of Philanthropy conducted by the Charity Organization Society.

Education

Teachers College is the Division of Education of Columbia University. In the section of the Catalogue devoted to Teachers College

(see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in education.

All Teachers College courses are open to men and women on equal terms. For the significance of course numbers see page 53.

A full statement of the nature of each of the following courses, the work prerequisite to it, and the credit which may be received for it in partial fulfilment of the requirements for the several degrees and diplomas, and similar statements concerning nearly 200 semi-professional courses offered by Teachers College, but not listed here, will be found in the current edition of the Announcement of Teachers College.

History of Education

B—History and principals of education. 3 hours. Professors MONROE and SUZZALLO and Assistants

B (b)—History of education in modern times—Second third of Education **B**, above. 1 hour. Mr. KILPATRICK

103–104—Educational theories of Herbart and Froebel. 2 hours. Mr. KILPATRICK

201–202—History of education—Special graduate section of course **B**, above. 2 hours. Professor MONROE

203–204—Practicum—History of education in the United States. 2 hours. Professor MONROE

303–304—Seminar—History of education. Professor MONROE

Philosophy of Education

B (c)—Principles of education. 2 hours for one-half-year. Professor SUZZALLO

6—Logic as applied to problems of teaching. 2 hours for one half-year. Professor DEWEY

105–106—Principles of education. 2 hours. Professor MACVANNEL

107–108—Educational sociology. 2 hours. Professor SUZZALLO

205–206—Practicum—Philosophy of education. 2 hours. Professor MACVANNEL

207–208—Practicum—The public school and democracy. 2 hours. Professor SUZZALLO

209–210—Practicum—Relations of philosophy and education. 2 hours. Professor DEWEY

305–306—Seminar—Philosophy of education. Professors MACVANNEL, DEWEY, and SUZZALLO

Educational Administration

111–112—School administration. 4 hours. Professor DUTTON

113—Comparative education. 3 hours. Professor FARRINGTON

115–116—Organization and administration of school systems. 2 hours. Professor STRAYER

215–216—Practicum—Administration of public education in the United States. 2 hours. Professor STRAYER

213–214—Practicum—Comparative education. 2 hours. Professor FARRINGTON and Dean RUSSELL

311–312—Seminar—Educational administration. Dean RUSSELL and Professors DUTTON, STRAYER, and FARRINGTON

Educational Psychology

A—Educational psychology. 1 hour lectures. 2 hours conferences. Professors THORNDIKE, NORSWORTHY, RUGER, and Miss WHITLEY

17–18—The applications of experimental and physiological psychology to education. 2 hours. Professor RUGER

19–20—Readings in educational psychology. 2 hours. Professor NORSWORTHY

21–22—The psychology of childhood. 2 hours. Professor NORSWORTHY

121–122—Educational psychology, advanced course. 2 hours. Professor THORNDIDE

124—The psychology of the elementary school subjects. 2 hours. Professor THORNDIKE

221–222—Practicum—The application of psychological and statistical methods to education. 2 hours. Professor THORNDIKE

321–322—Seminar—Genetic and comparative psychology. Professor THORNDIKE

Secondary Education

125–126—Secondary education, general course. 3 hours. Professor SACHS

127–128—Secondary education, advanced course. 3 hours. Professor SACHS and Miss STEVENS

129—Secondary education in Germany. 2 hours. Professor SACHS

130—Problems in secondary education. 2 hours. Professor SACHS

225–226—Practicum—Secondary education. 2 hours. Professor SACHS

325–326—Seminar in secondary education. Professor SACHS

153–154—The teaching of biological science in secondary schools. 3 hours. Professor BIGELOW and Miss BROADHURST

154 (a)—Biology as related to education. 3 hours. Professor BIGELOW

253–254—Practicum in the teaching of biological sciences in secondary and normal schools. 2 hours. Professor BIGELOW

161–162—The teaching of English in secondary schools. 3 hours. Professor BAKER

261–262—Practicum in the teaching of English. 2 hours. Professor BAKER

63–64—The teaching of art. 3 hours. Professor DOW and Miss BROOKS

163–164—Supervision of fine arts. 2 hours. Professor DOW

165–166—The teaching of French. 3 hours. Professor COHN

167–168—The teaching of geography. 3 hours. Professor DODGE and Miss KIRCHWEY

267–268—Practicum in geography. 2 hours. Professor DODGE

169—The teaching of German in secondary schools. 6 hours. Professor BAGSTER-COLLINS

171–172—The teaching of Greek in secondary schools. 3 hours. Professor LODGE

173–174—The teaching of history in secondary schools. 3 hours. Professor JOHNSON

273–274—Practicum in the teaching of History. 2 hours. Professor JOHNSON

175–176—The teaching of Latin in secondary schools. 3 hours. Professor LODGE

275–276—Practicum in Latin—Cæsar and Vergil. 2 hours. Professor LODGE

375–376—Seminar—Problems in Latin syntax. Professor LODGE

179–180—The teaching of mathematics in secondary schools. 3 hours. Professor SMITH

279–280—Practicum in the history and teaching of mathematics. 2 hours. Professor SMITH

379–380—Seminar in the history and teaching of mathematics. Professor SMITH

81–82—The teaching of school music. 3 hours. Professor FARNSWORTH

181–182—Supervision of school music. 2 hours. Professor FARNSWORTH

87—Personal hygiene. 3 hours. Professor WOOD

88—Institutional hygiene. 3 hours. Professor WOOD

189–190—The teaching of physical education. 3 hours. Professor WOOD, Miss CRAWFORD, and Assistants

191—The teaching of physical science in secondary schools. 6 hours. Professor WOODHULL.

289-290—Practicum in physical education. 2 hours. Professor WOOD

291—Practicum in physical science. 2 hours. Professor WOODHULL

Elementary Education

33-34—Theory and practice of teaching in elementary schools. 5 hours. Professors BAKER, DODGE, SMITH, BIGELOW, JOHNSON, and Mr. COFFMAN

33*ab*-34*ab*—Theory and practice of teaching in elementary schools. First section of above course. 2 hours. Professor BONSER

133-134—Criticism and supervision of instruction in the primary school. 3 hours. Professor MCMURRY

133*ab*-134*ab*—Supervision of instruction in the elementary school. 2 hours. Professor MCMURRY

231-232—Criticism and supervision of instruction in the elementary school. 3 hours. Professor MCMURRY

233-234—Practicum—Current problems in elementary education. 2 hours. Professor STRAYER

333-334—Seminar. Professor MCMURRY

63-64—The teaching of art. 3 hours. Professor DOW and Miss BROOKS

163-164—Supervision of fine arts. 2 hours. Professor DOW

67—The teaching of geography in elementary schools. 2 hours. Professor DODGE and Miss KIRCHWEY

70-71—Elementary mathematics for teachers. 2 hours. Professor UPTON

79-80—The teaching of mathematics in elementary schools. 2 hours. Professor UPTON

81-82—The teaching of school music. 3 hours. Professor FARNSWORTH

181-182—Supervision of school music. 2 hours. Professor FARNSWORTH

183—The teaching of nature-study. 3 hours. Professors BIGELOW and WOODHULL and Miss BROADHURST

87—Personel hygiene. 3 hours. Professor WOOD

88—Institutional hygiene. 3 hours. Professor WOOD

189-190—The teaching of physical education. 3 hours. Professor WOOD, Miss CRAWFORD, and assistants

Kindergarten Education

41-42—Kindergarten principles. 2 hours. Professor FULMER

45–46—Theory and practice of kindergarten teaching. 4 hours. Professor FULMER

141–142—Relations of the kindergarten and the primary school. 2 hours. Miss MOORE

141*a*–142*a*—Relations of the kindergarten and the primary school. 1 hour. Miss MOORE

143–144—Kindergarten conference. 2 hours. Professor HILL

145–146—Kindergarten supervision and kindergarten normal schools. 3 hours. Professor HILL

Seven other, introductory, courses in kindergarten are also given.

Religious Education

51—Introduction to the psychology of religion. 2 hours. Professor COE

52—Introduction to religious education. 2 hours. Professor COE

151—The Sunday School. 2 hours. Professor COE

152—The principles of moral education. 2 hours. Professor COE

251–252—Practicum. The analysis of religious phenomena. 2 hours. Professor COE

Technical Education

55 and 56—Theory and practice of teaching domestic art. 5 hours. Professor COOLEY and Miss F. WINCHELL

156—Organization and administration of domestic art. 4 hours. Professor WOOLMAN

57 and 58—Theory and practice of teaching domestic science. 5 hours. Professor KINNE and Miss C. WINCHELL

157—Household science in higher education. 2 hours. Professor KINNE.

257–258—Practicum in domestic science. 2 hours. Professor KINNE

73—Teaching in training schools for nurses. 2 hours. Professor NUTTING

74—Training school administration. 2 hours. Professor NUTTING

77–78—Theory and practice of teaching industrial arts in elementary schools. 3 hours. Professor BONSER

177–178—Theory and practice of teaching industrial arts in secondary and trade schools. 3 hours. Professors BONSER and NOYES, Mr. WEICK and Mr. SLEFFEL

Electrical Engineering

MICHAEL I. PUPIN, Ph.D., Sc.D.....*Professor of Electro-Mechanics*
[1]FRANCIS B. CROCKER, E.M., Ph.D.....*Professor*

[1] Absent on leave, 1910–11.

[1] GEORGE FRANCIS SEVER, M.Sc. ..... *Professor*
WALTER I. SLICHTER ..... *Professor*
[1] MORTON ARENDT, E.E. ..... *Assistant Professor*
J. HAROLD MORECROFT, E.E., B.S. ..... *Assistant Professor*
FREDERICK W. HEHRE, E.E. ..... *Instructor*
FRANK L. MASON, E.E. ..... *Assistant*

Professors M. I. PUPIN and W. A. WILLS of the Department of Physics give instruction in electro-mechanics to the Electrical Engineering students.

See the statement of the Department of Physics.

Courses

For the significance of course numbers see page 53

1—Elements of electrical engineering—General electrical principles laws, measurements, and their applications. 2 hours. Professors ARENDT and MORECROFT

2—Elements of the dynamo—The principles and general construction of dynamo-electric machinery. 2 hours. Professors ARENDT and MORECROFT

4—Electric distribution, for Civil Engineering, Mechanical Engineering, Electrical Mining, and Metallurgical Engineering students—Principles and methods of distributing direct currents. Elements of alternating currents. 2 hours. Professors SLICHTER and ARENDT

52—Design of direct-current machinery. Complete and original design with all calculations and working drawings of a specially assigned electric generator or motor. 2 hours and 1 afternoon. Professor ARENDT

54—Design of alternating-current machinery—Original design of alternating-current generators, motors, transformers, etc. 2 hours and 1 afternoon. Professor SLICHTER

72—Direct-current laboratory—Short course for students in Mining, Civil, Metallurgical, Sanitary, and Chemical Engineering. 1 afternoon. Professor MORECROFT and Mr. HEHRE

73—Direct-current laboratory—Short course for students in Mechanical Engineering. 1 afternoon. Professor MORECROFT and Mr. HEHRE

75—Alternating-current laboratory—Short course for students in Mining, Metallurgical and Mechanical Engineering. 1 afternoon. Professor MORECROFT and Mr. MASON

76—Alternating-current laboratory. Same as E. E. **75**. For students in Civil Engineering. 1 afternoon. Professor MORECROFT and Mr. MASON

98—Graduation thesis for degree of Electrical Engineer optional—Original work and report on a subject approved by the head of the department

[1] Absent on leave, 1910–11.

101—Dynamo and motor practice—Principles, construction, operation, and testing. 2 hours. Professor SLICHTER and Mr. HEHRE

103—Electric power—Electric motors, their action, control, and application. 3 hours. Professor ARENDT

103A—Electric power—**103** abridged for Mechanical Engineering students. 2 hours. Professor ARENDT

104—Electric distribution—Principles and methods of transmitting and distributing direct and alternating currents. 3 hours. Professors SLICHTER and ARENDT

105—Electric plants—The design and installation of electric-power systems, including controlling, translating, and transmitting equipments. 3 hours. Professor SLICHTER

105A—Electric power—**105** abridged for Mechanical Engineering students. 2 hours. Professor ARENDT

106—Management of electrical plants—Operation, organization, and administration. 2 hours. Professors SLICHTER and ARENDT

110—Telegraph and telephone. 2 hours. Professor ARENDT

112—Electric railways—Their design, installation, and operation. 2 hours. Professor SLICHTER

173–174—Direct-current laboratory—Practice in the use of instruments and in the operation and testing of direct-current dynamos and motors. 2 afternoons. Professor MORECROFT and Mr. HEHRE

175—Alternating-current laboratory—Practice in the use of instruments and in the operation and testing of alternating-current generators, motors, and transformers. 1 hour and 1 day. Professor MORECROFT and Mr. MASON

176—Continuation of E. E. **175**. 2 hours and 2 afternoons. Professor MORECROFT and Mr. MASON

177—Electrical instrument laboratory. Electrical measurements, storage-battery testing, photometry of electric lamps. 1 hour and 2 afternoons. Professor MORECROFT and Mr. MASON

201–202—Special problems and original investigations in electrical engineering. Post-graduate work under the direction of the officers of the department.

[1] **Mechanics 107**—Theory of electricity and magnetism. 2 hours. Professor WILLS

[1] **Mechanics 108**—Theory of dynamo and motor. 3 hours. Professor WILLS

[1] **Mechanics 109**—Theory of alternator and transformer. 4 hours. Professor PUPIN

[1] **Mechanics 110**—Theory of variable currents. 3 hours. Professor PUPIN

[1] See Physics, page 153.

Equipment

The offices, laboratories, museums, and lecture-rooms of the Electrical Engineering Department are in the southern portion of the Engineering Building.

The laboratories located in the basement contain direct and alternating-current machinery and apparatus. The various machines in these laboratories are respectively examples of constant-potential generators, constant-current arc-lighting dynamos, many types of stationary and railway motors, and motor-dynamos. Complete sets of ampere, volt, and watt meters, speed indicators, transmission and absorption dynamometers are available for testing the various generators and motors.

The alternating-current apparatus includes single-phase and polyphase generators, induction and synchronous motors, rotary converters, mercury arc rectifiers, and various types and sizes of transformers. Test boards and complete sets of alternating-current measuring instruments and curve-tracing apparatus, such as an oscillograph and ondograph, are also provided.

The lecture-rooms are provided with an ample supply of electrical currents of different forms, and other facilities for experimental demonstrations. The museum contains collections of apparatus, models, and materials relating to electrical engineering.

The large instrument laboratory on the third floor contains various forms of galvanometers, ampere balances, potentiometers, standard cells and resistances, measuring apparatus, laboratory standard volt and ammeters, as well as the high-tension testing sets. A storage battery is provided for testing, calibration, and standardization purposes.

The photometric laboratory of this department is situated in the basement of Havemeyer Hall and it is equipped with various forms of photometers for gas, arc, and incandescent lamp testing.

Engineering Drafting

RALPH E. MAYER, C.E.....*Associate Professor of Mechanical Drawing*
SAMUEL O. MILLER, C.E..... *Instructor*
THOMAS H. HARRINGTON, C.E.....*Instructor*
JESSE E. BEANS.....*Assistant*

Courses

See introductory paragraphs, page 53

1 or 2—(*a*) Elements of mechanical drawing; freehand lettering; (*b*) Projections; (*c*) Machine drawing—sketches, tracing; (*d*) Topography

C 1 hour for one half-year, *D* 14 hours for one half-year. Professor MAYER, Mr. MILLER, Mr. HARRINGTON, and Mr. BEANS

3 or 4—Descriptive geometry—Problems on point, line, and plane; tangent planes; intersections; developments; warped surfaces. *C* 3

hours for one half-year. Professor MAYER, Mr. MILLER, and Mr. HARRINGTON

5 or 6—(*a*) Graphics—Shades and shadows; perspective; (*b*) Stone-cutting. *C* 1 hour and *D* 6 hours for one half-year. Professor MAYER, Mr. MILLER and Mr. HARRINGTON

7 or 8—(*a*) Structural drawing; (*b*) Machine drawing. *C* 1 hour and *D* 6 hours for one half-year. Professor MAYER, Mr. MILLER and Mr. HARRINGTON

English and Comparative Literature

BRANDER MATTHEWS, D.C.L., Litt.D., LL.D. ..... *Professor*
FRANKLIN THOMAS BAKER, A.M. Litt.D. ... *Professor in Teachers College*
WILLIAM PETERFIELD TRENT, LL.D., D.C.L. ..... *Professor*
WILLIAM TENNEY BREWSTER, A.M., *Professor and Provost of Barnard College*
GEORGE C. D. ODELL, Ph.D. ..... *Professor*
FREDERICK HENRY SYKES, Ph.D. *Professor of English in Teachers College and Director of Technical Education*
JOEL ELIAS SPINGARN, Ph.D. ..... *Professor*
[1]JEFFERSON BUTLER FLETCHER, A.M. ..... *Professor*
ASHLEY HORACE THORNDIKE, Ph.D., L.H.D. ... *Professor, and Secretary of the Department*
GEORGE PHILIP KRAPP, Ph.D. ..... *Professor*
WILLIAM WITHERLE LAWRENCE, Ph.D. ..... *Associate Professor*
GRACE A. HUBBARD, A.M. ..... *Associate Professor*
JOHN ERSKINE, Ph.D. ..... *Associate Professor*
CLYDE FURST, A.M. ..... *Associate Professor in Teachers College*
HARRY MORGAN AYRES, Ph.D. ..... *Assistant Professor*
VIRGINIA CROCHERON GILDERSLEEVE, Ph.D. ..... *Assistant Professor*
ALGERNON DE V. TASSIN, A.M. ..... *Assistant Professor*
AZUBAH JULIA LATHAM, A.B. ..... *Assistant Professor in Teachers College*
MABEL FOOTE WEEKS, A.B. ..... *Associate*
ALLAN FERGUSON WESTCOTT, A.M. ..... *Instructor*
[1]BAYARD BOYESEN, A.B. ..... *Instructor*
JOHN WARREN TAYLOR, A.M. ..... *Instructor*
HARRISON ROSS STEEVES, A.M. ..... *Instructor*
ERNEST HUNTER WRIGHT, Ph.D. ..... *Instructor*
MINNIE LOUISE BOLLERT, A.M. ..... *Instructor*
ALICE DOROTHY BREWSTER, A.M. ..... *Assistant*
WILLIAM HALLER, A.B. ..... *Assistant*
ELIZABETH CHRISTINE COOK, A.M. ..... *Assistant*
CLARE MACLELLEN HOWARD, A.M. ..... *Assistant*
HARRIET RUTH FOX, A.B. ..... *Assistant*

[1] Absent on leave second half-year.

Courses in English

For the significance of course numbers see page 53

A—English literature and composition. 3 hours. Professor ERSKINE, Mr. STEEVES, Mr. WESTCOTT, Mr. TAYLOR, and Mr. BOYESEN (Columbia College); Professor BREWSTER, Professor HUBBARD, Miss WEEKS, Miss BREWSTER, Mr. HALLER, Miss COOK, and Miss FOX (Barnard College)

B—English literature and composition. 2 hours (Columbia); 3 hours (Barnard). Professor ODELL, Professor ERSKINE, Mr. STEEVES, Mr. WESTCOTT, Mr. TAYLOR, and Mr. BOYESEN (Columbia); Professor GILDERSLEEVE, Dr. WRIGHT, Miss BREWSTER, Mr. HALLER, Miss COOK, and Miss FOX (Barnard)

1–2—English composition—Daily themes and fortnightly essays, lectures, and consultations. 3 hours. Professor TASSIN (Columbia); Professor BREWSTER (Barnard)

7–8—Elocution—Lectures and exercises. 3 hours. Professor TASSIN (Columbia); Professor TASSIN (Barnard)

11–12—Vocal training and public speaking. 3 hours. Professor TASSIN (Columbia)

17–18—Modern English literature. 2 hours. Professor ERSKINE, Mr. STEEVES and Mr. BOYESEN (Columbia)

19–20—American literature. 2 hours. Professor BRANDER MATTHEWS and Mr. WESTCOTT (Columbia)

21–22—English literature from 1780 to 1830. 3 hours. Professor ODELL (Columbia)

Courses 21–22 and 23–24 are given in alternate years.

[**23–24**—English literature in the nineteenth century. 3 hours. Professor ODELL (Columbia)]

25–26—English literature from 1557 to 1660. 3 hours. Professor ERSKINE (Columbia); Professor TRENT (Barnard)

Courses 25-26 and 27-28 are given in alternate years.

27–28—English literature from 1660 to 1789. 3 hours. Professor AYRES (Columbia); Professor TRENT (Barnard)

Course 27–28 is not given at Columbia in 1910–11.

29–30—English literature from the earliest period to the Norman conquest. 3 hours. Professor AYRES (Columbia); Professor AYRES (Barnard)

Course 29-30 is not given at Columbia in 1910-11.

31–32—English literature from the Norman conquest to 1550. 3 hours. Professor AYRES (Columbia); Professor GILDERSLEEVE (Barnard)

33–34—English literature in the nineteenth century after 1830. 3 hours (Barnard). Professor HUBBARD

35–36—Shakspere. 2 hours. Professor LAWRENCE (Columbia); 3 hours. Professor GILDERSLEEVE (Barnard)

37–38—Types of literature, prose and verse. 2 hours. Professor ODELL (Columbia)

39–40—The development of English fiction. 3 hours. Professor BRANDER MATTHEWS (Columbia)

[41–42—The development of the English drama. 2 hours (Columbia). Professor BRANDER MATTHEWS]

45–46—English literary criticism. 2 hours. Professor HUBBARD (Barnard)

201—English composition. 2 hours. Professor ERSKINE and Dr. WRIGHT

203–204—Studies in English style. 2 hours. Professor KRAPP

207–208—History of the English language; Early English period. 2 hours. Professor KRAPP

[209–210—History of the English language: Middle and modern English periods. 2 hours. Professor KRAPP]

[213—Historical English grammar. 2 hours. Professor KRAPP]

215—Anglo-Saxon prose. 2 hours. Professor AYRES

216—Caedmon and Cynewulf. 2 hours. Professor LAWRENCE

218—Beowulf. 2 hours. Professor LAWRENCE

219–220—Middle English language and literature. 2 hours. Professor KRAFT and Professor AYRES

[222—History of Anglo-Saxon literature. 2 hours. Professor AYRES]

227–228—Chaucer. 2 hours. Professor LAWRENCE

229—Spenser. 2 hours. Professor FLETCHER

231–232—English literature in the seventeenth century. 2 hours. Professor TRENT

[233–234—English literature in the eighteenth century. 2 hours. Professor TRENT]

235–236—The romantic movement. 2 hours. Dr. WRIGHT

239–240—English literature in the Victorian period. 2 hours. Professor THORNDIKE

[247–248—English comedy: its history and its methods. 2 hours. Professor BRANDER MATTHEWS]

249–250—Shakspere as a playwright. 2 hours. Professor BRANDER MATTHEWS

251–252—The English drama from the beginnings to 1642. 2 hours. Professor THORNDIKE

[254—Textual criticism of Shakspere's plays. 2 hours. Professor THORNDIKE]

255–256—English versification. 2 hours. Professor GILDERSLEEVE

258—The English lyric in the sixteenth and seventeenth centuries. 2 hours. Professor ERSKINE

261–262—English prose in the eighteenth century. 2 hours. Professor ODELL

[263–264—English prose in the nineteenth century. 2 hours. Professor ODELL

301–302—Seminar—Studies in Shakspere. 2 hours. Professor THORNDIKE

303–304—Seminar—English literature during the reign of Queen Anne. Professor TRENT

305–306—Seminar—The English language in the sixteenth century. 2 hours. Professor KRAPP

309–310—Seminar—Discussion of dissertations. Professors TRENT, THORNDIKE, LAWRENCE, and AYRES

Undergraduate Courses in Teachers College

51–52—English speech. 2 hours. Professor LATHAM

53–54—English usage. 2 hours. Professor BAKER

55–56—Nineteenth century writers. 2 hours. Professor BAKER

57—American prose. 2 hours. Professor FURST

58—American poetry. 2 hours. Professor FURST

59–60—Typical forms of literature. 2 hours. Professor SYKES

61–62—Oral reading and story telling. 2 hours. Professor LATHAM

63–64—Oral reading and recitation. 2 hours. Professor LATHAM

72—The story and story material. 2 hours. Professor MACVANNEL

Fine Arts

(See Architecture, Music, and Design)

In addition sixteen courses in Fine Arts are offered under the auspices of Teachers College. For details see the *Announcement of Teachers College* and the special circular of the department.

See also the Statement of the School of Fine Arts, page 318.

French

(See Romance Languages and Literatures)

Geography

RICHARD E. DODGE, A.M. ..... *Professor*
CLARA B. KIRCHWEY ..... *Instructor*

Courses

See introductory paragraphs, page 53

1–2—General geography. 3 hours. Professor DODGE and Miss KIRCHWEY

51–52—The geography of the United States and Western Europe. 2 hours. Professor DODGE and Miss KIRCHWEY

53–54—Continental geography for schools. 2 hours. Miss KIRCHWEY

55—Geography for primary grades. 2 hours. Miss KIRCHWEY

56—Man and his environment. 2 hours. Professor DODGE

58—Elements of industrial geography. 3 hours. Professor DODGE

See also Education 67, 167–168, 267–268

Equipment

The Department of Geography occupies a suite of three rooms on the fourth floor of Teachers College. A lecture-room and laboratory capable of holding fifty, an office, and a combined office and stock-room compose the suite. The department is furnished with lantern slides, models, and wall maps; and has a set of the more important weather instruments in an outdoor shelter. The supply of topographic, climatic, and special maps, of diagrams, of physical models, and of lantern slides is large, and has been especially chosen for use in the several courses announced above.

Geology

JAMES FURMAN KEMP, E.M., Sc.D.....*Professor*
[1] AMADEUS WILLIAM GRABAU, S.D.....*Professor*
CHARLES PETER BERKEY, Ph.D.....*Assistant Professor*
IDA HELEN OGILVIE, Ph.D.....*Instructor in Barnard College*
ELVIRA WOOD, Ph.D.....*Curator*
JESSE EARL HYDE, A.B.....*Assistant*
DAVID DALE CONDIT, A.B., A.M.....*Assistant*
CARLOTTA J. MAURY, Ph.D.....*Assistant in Barnard College*

Courses

See introductory paragraphs, page 53

1–2—General geology. *C* 2 hours. *L* 2 hours Sat. P.M. Professor GRABAU, Professor BERKEY, and Mr. HYDE. (Field work instead of *L* Saturday P.M. until Thanksgiving.)

4—Petrography. *C* 2 hours, *L* 1 afternoon for two months. Compare Mineralogy 6. Professor BERKEY

[1] Absent on leave first half-year.

5–6—General geology. 3 hours. Professor KEMP, Professor BERKEY, and Mr. CONDIT

15—Elementary paleontology. *C* 1 hour, *L* 2 hours. Mr. HYDE

16—Index fossils of North America. *C* 1 hour, *L* 6 or more hours. Prerequisite, Course 1–2, 6 or 18. Professor GRABAU and Mr. HYDE

18—General geology. *C* 3 hours lectures. Field work on Saturdays (last six weeks). Professor BERKEY

19—Physiographic geology—Topographic features and map interpretation. *C* 2 hours, *L* 1 hour. Professor BERKEY

20—Rocks and soils. Origin, structure, constituents, and variety of soils. *C* 2 hours, *L* 1 hour. Professor BERKEY

51–52—Principles of geology. 2 hours. Professors GRABAU and BERKEY

105–106—Economic geology. 3 hours. Professor KEMP

107–108—Invertebrate paleontology. *C* 2 hours, *L* at least 4 hours. Professor GRABAU and Mr. HYDE

110—Geological examinations and surveys—Field methods and organization. 2 hours. Professor KEMP

112—Field geology—One week's field work, and report upon the same, immediately at the close of the spring examinations.

113–114—Prehistoric archæology. 20 lectures on geologic basis of archæology. Professor BERKEY

151–152—Principles of geology. *C* 2 hours, *L* 4 hours or more (51–52 with additional laboratory and library work.) Professors GRABAU and BERKEY

175—Field geology in Paleozoic rocks of eastern North America. 4 weeks in the summer. Officers of the department.

201–202—Petrology. *C* 2 hours, *L* at least 4 hours. Professors KEMP and BERKEY

205–206—Comparative geology of North America—A comparative description and study of the geological formations of North America. 3 lectures and 4 hours reading and laboratory. Professors KEMP and GRABAU

209–210—Comparative geology of Europe. 2 lectures and 4 hours laboratory and library work. Professors GRABAU and CAMPBELL

211—Phylogeny of Gastropoda. *C* 1 hour, *L* 6 hours. Professor GRABAU

212—Phylogeny of Cephalopoda. *C* 1 hour, *L* 6 hours. Professor GRABAU

213–214—Fossil faunas of North America. *C* 1 hour, *L* 6 hours. Professor GRABAU and Mr. HYDE

301–302—Paleogeography of North America. Development and changes of former continents and ocean basins. 1 hour seminar, and laboratory according to arrangement. *C* 1 hour, *L* 6 hours to 2 days. Professor GRABAU

303–304—Journal Club and seminar conducted by officers of the department. 2 evenings a month.

307–308—Research in areal, structural, economic, or physiographic geology under officers of the department.

311–312—Phylogeny of a special group of Invertebrates. Research course. Professor GRABAU

315–316—Stratigraphy. Research course. *L* 6 hours or more. Professor GRABAU

B 1–2—General geology. Elementary course. *C* 2 hours, *L* 2 hours. 6 points. Dr. OGILVIE

B 101–102—General geology. Course 1–2 with *L* 4 hours additional. 8 points. Dr. OGILVIE and Dr. MAURY

B 113—Summer field course—Two weeks in the field, and subsequent preparation of a report. Dr. OGILVIE

B 115–116—Paleontology. *C* 1 hour, *L* 2 hours. Dr. OGILVIE and Dr. MAURY

B 117–118—Glacial geology and advanced physiography. *C* 1 hour. *L* to be arranged. Dr. OGILVIE

B 119–120—General geology, advanced course. *C* and *L* to be arranged; 4, 6, or 8 hours. Dr. OGILVIE

For the courses in geography see page 105.

The following courses in paleobotany are offered at the New York Botanical Garden by Dr. ARTHUR HOLLICK:

General paleobotany—Developmental history and structure of the fossil flora of some selected locality. Laboratory and museum.

Cretaceous flora of eastern North America—Collection and determination of specimens from some station with attention to stratigraphic relations. Field and laboratory.

Equipment

The department has equipment laboratories and a full equipment for its several lines of work. For details see the separately printed *Announcement.*

The paleobotanical library and collections of Columbia University have been deposited at the New York Botanical Garden.

Germanic Languages and Literatures

WILLIAM HENRY CARPENTER, Ph.D.....*Villard Professor of Germanic Philology*
CALVIN THOMAS, LL.D...*Gebhard Professor of the Germanic Languages and Literatures*
[2] ELIJAH WILLIAM BAGSTER-COLLINS, A.M.....*Associate Professor in Teachers College*
WILLIAM ADDISON HERVEY, A.M.....*Associate Professor*
[1] RUDOLF TOMBO, Jr., Ph.D.....*Assistant Professor*
ARTHUR F. J. REMY, Ph.D.....*Assistant Professor of Germanic Philology*
WILHELM ALFRED BRAUN, Ph.D...*Assistant Professor in Barnard College*
FREDERICK WILLIAM JUSTUS HEUSER, A.M.....*Instructor*
ALEXANDER OTTO BECHERT, A.M.....*Instructor in Barnard College*
ALLEN WILSON PORTERFIELD, A.M.....*Instructor in Barnard College*
HENRY HERMANN LOUIS SCHULZE, A.M.....*Instructor*
MRS. JULIANA HASKELL, Ph.D.....*Instructor in Barnard College*
ERNST D. RICHARD, Pd.D.....*Lecturer*

For the significance of course numbers see page 53

Courses in German

A1–A2—Elementary course. 3 hours. Mr. HEUSER and Mr. SCHULZE

B1–B2—Intermediate course. 3 hours. Mr. SCHULZE

2—Supplementary course. 2 hours. Mr. HEUSER

3–4—Composition and colloquial practice. Elementary course. 2 hours. Mr. HEUSER

5–6—Selected works of Goethe, Schiller, and Lessing. 3 hours. Professor HERVEY and Mr. HEUSER

7—Historical prose. 3 hours. Professor REMY

8—Historical prose. 3 hours. Professor TOMBO

9—Lessing's *Laocoön*. 2 hours. Mr. SCHULZE

10—Lessing's *Hamburgische Dramaturgie*. 2 hours. Mr. SCHULZE

11–12—Composition and colloquial practice. Advanced course. 2 hours. Mr. HEUSER

15—Nineteenth-century writers. Selected works of Hebbel. 2 hours. Mr. HEUSER

16—Nineteenth-century writers. Selected dramas of Hauptmann. 2 hours. Mr. HEUSER

19–20—Life and works of Schiller. 2 hours. Professor HERVEY

23–24—History of German civilization. 3 hours. Dr. RICHARD

[1] Absent on leave first half-year. [2] Absent on leave second half-year.

51–52—German in secondary schools. 3 hours. Professor BAGSTER-COLLINS. Given in Teachers College

53–54—Educational German. 2 hours. Professor BAGSTER-COLLINS. Given in Teachers College

61 and 101—History of German literature from the earliest times to the Reformation. 3 hours. Professor THOMAS

62 and 102—History of German literature from the Reformation to the nineteenth century. 3 hours. Professor TOMBO

63 and 103—Goethe's *Faust*. Part first. 2 hours. Professor THOMAS

64 and 104—Goethe's *Faust*. Part second. 2 hours. Professor THOMAS

105—German literature in the nineteenth century. 2 hours. Professor THOMAS

107—History of the German language. 3 hours. Professor REMY

108—Contemporary German fiction and poetry. 2 hours. Professor TOMBO

110—Old High German. 3 hours. Professor REMY

129–130—Outlines of the history of German civilization. 2 hours. Dr. RICHARD

141—Phonetics. 2 hours. Professor BAGSTER-COLLINS. Given in Teachers College

Education 269–270—Practice course. 3 hours; practical work, 2 hours. Professor BAGSTER-COLLINS. Given in Teachers College

203—Proseminar. Great German writers. Schiller. 2 hours. Professor THOMAS

204—Proseminar. Great German writers. Heine. 2 hours. Professor THOMAS

211—Special studies. 2 hours. Mr. HEUSER

212—Special studies. 2 hours. Professor THOMAS

Course in Scandinavian Languages

122—Icelandic. 3 hours. Professor REMY

Course in Gothic

127–128—Gothic. 2 hours. Professor REMY

Course in Germanic Philology

205–206—Comparative philology of the Germanic dialects. 2 hours. Professor REMY

Germanic Seminar

301—Lohengrin in Middle High German poetry. 2 hours. Professor CARPENTER

302—Evolution of dramatic theory and criticism in the eighteenth century. 2 hours. Professor THOMAS

Public Lectures

Lectures in the German language on popular subjects, intended primarily for the students of the University, but to which the general public is also invited, are given each year under the auspices of the department.

Journal Club

The Journal Club is an organization founded in 1902 for the purpose of reviewing and discussing important contributions to recent numbers of the numerous journals devoted to Germanic studies. The Club consists of the officers, fellows, and scholars of the department. Meetings are held monthly.

Deutscher Verein

The Deutscher Verein of Columbia University, founded in 1898, is an association of the students and instructors of the University who are interested in the study of the German language and literature, and in the acquisition of a more intimate knowledge of Germany, of German institutions, and of the German people than is furnished by academic study alone. The active membership consists of instructors in all departments of the University, of students in residence to the limited number of fifty, and of previous members of the Verein who are no longer students. An honorary membership is made up of prominent German-speaking citizens of New York. Stated meetings are held on the second and fourth Tuesday of each month in the room assigned to the Verein in West Hall.

Equipment

The University Library offers excellent facilities for the study of German, both on the literary and the linguistic side. In German literature all periods are well represented. The Goethe collection, which consists of more than 1300 titles, affords to the student of Germany's greatest author an exceptional opportunity for the prosecution of his researches. The Scandinavian collection contains a good representation of the ancient saga and poetical literature, and most of the eminent writers of modern Norway, Denmark, and Sweden. The Holland Society library, deposited with the University in 1901, contains a considerable collection of books and pamphlets in the Dutch language from all periods.

The Library has sets and the current numbers of all the important periodicals which deal with Germanic literature and Germanic and general philology. It has also sets of periodicals no longer published, and a large collection of the transactions and publications of the learned societies of America and Europe.

A reference library of 1200 volumes, containing the most important subsidia for the critical study of the Germanic languages and literatures—dictionaries, bibliographies, biographies, histories of literature, and the like—and independent of the main collection in the University Library, is placed in a room adjacent to the lecture-room and offices of the department in University Hall.

The income of the Carl Schurz Library Fund ($10,000), contributed by citizens of New York in commemoration of the seventieth birthday of Carl Schurz, is, by the terms of the gift, devoted in perpetuity to the purchase of books in the field of the German language and literature.

For the Carl Schurz Fellowship in the German Language and Literature, see index.

Greek

(See page 78)

Gynecology

EDWIN B. CRAGIN, M.D. ..... *Professor*
PORTER F. CHAMBERS, M.D. ..... *Professor of Clinical Gynecology*
FRANK R. OASTLER, M.D. ..... *Associate*
FRANK S. MATHEWS, M.D. ..... *Associate*
HOWARD C. TAYLOR, M.D. ..... *Instructor in Clinical Gynecology*
CHARLES J. PROBEN, M.D. ..... *Instructor*
GEORGE H. RYDER, M.D. ..... *Instructor*
PERCY H. WILLIAMS, M.D. ..... *Instructor*
RALPH W. LOBENSTINE, M.D. ..... *Instructor*

Clinical Assistants

WM. L. BRADLEY, M.D.
ROBERT M. BROWN, M.D.
HAROLD D. MEEKER, M.D.
AUGUSTINE W. ROFF, M.D.

Courses

See introductory paragraphs, page 53

52—The principles and practice of gynecology—Lectures, 3 a week, 2 didactic and 1 clinical. Professor CRAGIN

53—Recitations and demonstrations. 1 hour a week for each student. Dr. MATHEWS

55–56—Minor operations and demonstrations, to small sections, at the Roosevelt Hospital—2 a week for two weeks, M. and F. at 9.30 A.M. Dr. TAYLOR

57–58—Clinic in Operative Gynecology, to small sections at Lincoln Hospital. M. at 3.30 P.M. Dr. OASTLER

59–60—Practical Instruction in the Diagnosis and Treatment of Pelvic Conditions, to sections of the class—10–12 lessons for each student, at the Vanderbilt Clinic. Drs. OASTLER, PROBEN, RYDER, and WILLIAMS

61–62—Practical Instruction in the Diagnosis and Treatment of Venereal Diseases in Women, to sections of the class—2 lessons for each student at Bellevue Hospital. Dr. LOBENSTINE

63–64—Clinic in Operative Gynecology—Roosevelt Hospital, McLane Operating Theatre. S. at 2.30 P.M. Dr. TAYLOR

65–66—Clinic in Operative Gynecology—Woman's Hospital. Tu. at 2.30 P.M. Professor CHAMBERS

History and Political Philosophy

[1]WILLIAM MILLIGAN SLOANE, Ph.D., L.H.D., LL.D.,.....*Seth Low Professor*
HERBERT LEVI OSGOOD, Ph.D., LL.D.....*Professor*
[2]WILLIAM ARCHIBALD DUNNING, Ph.D., LL.D..*Lieber Professor of History and Political Philosophy*
JAMES HARVEY ROBINSON, Ph.D.....*Professor*
WILLIAM ROBERT SHEPHERD, Ph.D.....*Professor*
JAMES THOMSON SHOTWELL, Ph.D.....*Professor*
GEORGE WILLIS BOTSFORD, Ph.D.....*Professor*
HENRY JOHNSON, A.M.....*Professor*
ERNST DAENELL, Ph.D.....*Kaiser Wilhelm Professor*
CARLTON HUNTLEY HAYES, Ph.D.....*Assistant Professor*
MAUDE ALINE HUTTMANN, A.M.....*Instructor*
CHARLES DOWNER HAZEN, Ph.D.....*Lecturer*
ROBERT LIVINGSTON SCHUYLER, Ph.D.....*Lecturer*
KATHARINE SWIFT DOTY, A.M.....*Assistant*

Courses

See introductory paragraphs, page 53

A1–A2—Epochs of European history. 3 hours. Columbia College, Professor HAYES, Dr. SCHUYLER, and Mr. SAIT. Barnard College, Professor SHOTWELL and Miss HUTTMANN

3–4—Greece and early Italy. 3 hours. Barnard College and Columbia College. Professor BOTSFORD

[5–6—The Roman Empire. 3 hours. Barnard College, Professor BOTSFORD]

[1] Absent on leave, 1910–11.

[2] Absent on leave, first half-year.

9–10—European history, modern and contemporaneous. 4 hours. Columbia College, Professor HAYES and Dr. SCHUYLER; Barnard College, Professor SHOTWELL and Miss DOTY

13—History of the United States from 1783 to the war with Mexico. 3 hours. Columbia College, Dr. SCHUYLER; Barnard College, Professor SHEPHERD

14—History of the United States since the war with Mexico. 3 hours. Columbia College, Professor DUNNING; Barnard College, Professor SHEPHERD

51–52—The literature of American history. 2 hours. Teachers College, Professor JOHNSON

[103—History of India and of Persia. 2 hours. Professor JACKSON]

104—The rise of Arabian civilization and the spread of Mohammedanism. 2 hours. Professor GOTTHEIL

[109—The history of Western Asia and Egypt. 2 hours. Professor PRINCE]

113–114—History of China. 1 hour. Professor HIRTH

117–118—The development of the Roman Empire. 2 hours. Professor BOTSFORD

119—Ethnology: Primitive culture. 2 hours. Professor FARRAND

120—Ethnology: Primitive culture. 2 hours. Professor FARRAND

121–122—History of the intellectual class in Europe from the Greek Sophists to the French Philosophers. 3 hours. Professor ROBINSON

[123—The races of Europe. 2 hours. Professor BOAS]

[124—The races of Europe. 2 hours. Professor BOAS]

125–126—The History of England to 1660. 2 hours. Professor OSGOOD

127—Ethnography of Siberia and North America. 2 hours. Professor BOAS

128—Ethnography of Central and South America. 2 hours. Professor BOAS

149—Historical geography of Europe. 2 hours. Professor SHEPHERD

150—Historical geography of European expansion. 2 hours. Professor SHEPHERD

151–152—Continental European history, 1815–1910. 2 hours. Dr. HAZEN

[153—Contemporary European history since 1848. 4 hours. Professor SLOANE]

155—The social history of England. 2 hours. Professor SHOTWELL

156—The social history of England in the nineteenth century. 2 hours. Professor SHOTWELL

[157–158—History of Great Britain, principally during the eighteenth and nineteenth centuries. 2 hours. Professor OSGOOD]

159—History of socialism. 2 hours. Professor SIMKHOVITCH

161—The formation of the American constitutional system. 2 hours. Professor BEARD

162—The development of the American constitutional system. 2 hours. Professor BEARD

163—Fiscal and industrial history of the United States. 2 hours. Professor SELIGMAN

164—History and principles of colonial administration. 2 hours. Professor GOODNOW

166—History of American diplomacy. 2 hours. Professor J. B. MOORE

[183–184—Moral and political philosophy. 2 hours. Professor DEWEY]

191—The development of the world's commerce from the sixteenth century to the present time, with special reference to Germany. 2 hours. Professor DAENELL

211–212—Roman civilization. 2 hours. Professor OLCOTT

[213—Historical types of society. Ancient: The theory of progress. 2 hours. Professor GIDDINGS]

[214—Historical types of society. Modern: The theory of progress. 2 hours. Professor GIDDINGS]

215–216—History of Greece, political, social, and intellectual. 3 hours. Professor BOTSFORD

[217–218—Constitutional history of Greece. 2 hours. Professor BOTSFORD]

[220—Primitive institutions in Europe. 2 hours. Professor SHOTWELL]

[221—Later Roman Empire and early Middle Ages. 2 hours. Professor SHOTWELL]

[223—Paganism and Christianity. 2 hours. Professor SHOTWELL]

224—History of European law. 2 hours. Professor MUNROE SMITH

225—The later Middle Ages. 2 hours. Professor SHOTWELL

[226—The Protestant revolt. 2 hours. Professor ROBINSON]

227—Europe in the twelfth and thirteenth centuries. 2 hours. Professor SHOTWELL

[228—The Catholic Reformation (*i. e.*, the so-called Counter Reformation) and the Council of Trent. 2 hours. Professor ROBINSON]

[[1]229—General Church history. Period I: The ancient Church to 590 A.D. 4 hours. Professor MCGIFFERT]

[1] Given at Union Theological Seminary.

[[1] 230—General Church history. Periods II and III: The Medieval and Modern Church, 590–1789. 4 hours. Professor ROCKWELL]

[1] 231—History of Christian doctrine. I: History of thought in the Primitive and Catholic Church. 4 hours. Professor MCGIFFERT

[1] 232—History of Christian doctrine. II: History of Protestant thought. 4 hours. Professor MCGIFFERT

[1] 234—Medieval Church history, 590–1517. 2 hours. Professor ROCKWELL

[1] 235—European Church history in the nineteenth century. 2 hours. Professor ROCKWELL

[[1] 236—English Church history (Reformation and post-Reformation periods). 2 hours. Professor MCGIFFERT]

[[1] 237—American Church history. 2 hours. Professor ROCKWELL]

[[1] 238—History of early Christian literature. 2 hours. Professor MCGIFFERT]

[1] 239—History of the New Testament Canon, with reading in the sources. 2 hours. Mr. TRYON

[1] 240—History of New Testament times. 2 hours. Mr. TRYON

[[1] 241—Readings in the early fathers. 2 hours. Mr. TRYON]

[[1] 242—History of the Papacy. 2 hours. Mr. TRYON]

[1] 243—Christianity in the light of its history. 2 hours. Professor MCGIFFERT

[2] 245—The Church during the first three centuries. 2 hours. Professor SCRATCHLEY

[2] 246—The Church from the Council of Nicæa to Charlemagne. 2 hours. Professor SCRATCHLEY

[2] 247—The Church of England. 2 hours. Professor SCRATCHLEY

[2] 248—The Church from Charlemagne to modern times, exclusive of England. 2 hours. Professor SCRATCHLEY

251—History of diplomacy. 2 hours. Professor J. B. MOORE

252—The reforms of the French Revolution. 2 hours. Professor ROBINSON

[253—The economic and social evolution of Russia since 1800. 2 hours. Professor SIMKHOVITCH]

254—The progress of the French Revolution (1789 to 1800) with special attention to the sources. 2 hours. Professor ROBINSON

255—Social evolution; ethnic and civil origin. 2 hours. Professor GIDDINGS

[1] Given at Union Theological Seminary.
[2] Given at the General Theological Seminary.

256—Social evolution; civilization, liberty, and democracy. 2 hours. Professor GIDDINGS

260—Radicalism and social reform as reflected in the literature of the nineteenth century. 2 hours. Professor SIMKHOVITCH

261–262—American colonial history during the seventeenth century. 2 hours. Professor OSGOOD

[263–264—American colonial history during the eighteenth century. 2 hours. Professor OSGOOD]

[267–268—The United States from 1850 with special reference to the Civil War and Reconstruction. 2 hours. Professor DUNNING]

269—History of Spain. 2 hours. Professor SHEPHERD

271—Spanish and French colonization in the United States from 1513 to 1731. 2 hours. Professor SHEPHERD

272—Spanish and French colonization in the United States from 1731 to 1821. 2 hours. Professor SHEPHERD

275—Colonial Latin America. 2 hours. Professor SHEPHERD

276—The republics of Latin America. 2 hours. Professor SHEPHERD

[279—General history of political theories, ancient and medieval. 2 hours. Professor DUNNING]

280—General history of modern political theories. 2 hours. Professor DUNNING.

[281—American political philosophy before 1850. 2 hours. Professor DUNNING]

282—American political philosophy since 1850. 2 hours. Professor DUNNING

311–312—Seminar in Greek and Roman history. 1 hour. Professor BOTSFORD

[1] 315–316—Historical seminar. 2 hours. Professors MCGIFFERT and ROCKWELL

[1] 317–318—Religious thought in France in the eighteenth century. 2 hours. Professor MCGIFFERT

[1] 319–320—Historical training class. 2 hours. Prof. ROCKWELL

321—Historical bibliography; the sources of European history; methods of historical study. 2 hours. Professors ROBINSON, SHOTWELL, and SIMKHOVITCH

331—Seminar; critical exercises in the historical writers of the Middle Ages. 2 hours. Professor DAENELL

356—Seminar in the social history of England during the industrial revolution. 2 hours. Professor SHOTWELL

[1] Given at Union Theological Seminary.

[357—The work of Napoleon. 2 hours. Professor SLOANE]

361–362—The American Revolution. 2 hours. Professor OSGOOD

363–364—Seminar in American colonial history. 1 hour. Professor OSGOOD

[365—European politics and the war of 1812. 2 hours. Professor SLOANE]

[367–368—Seminar in later United States history. 1 hour. Professor DUNNING]

[381–382—Seminar in political philosophy. 1 hour. Professor DUNNING]

Equipment

The University Library contains many of the great published collections for the study of ancient, mediæval, and modern history. The special library of history and political science numbers upwards of 150,000 volumes. The great libraries of New York, Astor, Lenox, and Tilden foundations, those of the New York and Long Island Historical Societies, and of the Bar Association are, under certain conditions, also accessible to students. Fuller information as to courses and opportunities for historical work is given in the *Announcement of the Division of History, Economics, and Public Law*, which may be obtained by applying to the Secretary of the University. Under the auspices of the Academy of Political Science, to which advanced students are eligible as members, opportunities are given for the discussion of questions of interest as presented in papers by specialists.

The department employs in its work the best French and German historical maps and one of the four largest relief globes ever made.

Hospital Economy

Various courses in this and related fields are provided by the School of Household Arts of Teachers College and described in the special circular of that School.

Household Arts

The School of Household Arts of Teachers College provides about one hundred courses in Household Arts Education, Nutrition and Food Economics, Household Chemistry, Physiological Chemistry, Foods and Cookery, Textiles, Clothing, Household Art, Household Administration, and Nursing and Health. These courses and the new building and equipment of the school are described in its special circular and in the *Announcement of Teachers College.*

Industrial Arts

The School of Industrial Arts of Teachers College provides fifty courses

in Industrial Arts Education, Drawing and Design, Industrial Mathematics, Wood-Working, Metal Working, Clay-Working, Paper-Working, Library Economy, and Commercial Education. These courses and the Macy Manual Arts building and equipment are described in the special circular of the School and in the *Announcement of Teachers College.*

Latin

(See page 79)

LAW

Municipal or Private Law

FRANCIS M. BURDICK, LL.D. ..... *Dwight Professor*
GEORGE W. KIRCHWEY, LL.D ..... *Kent Professor*
GEORGE F. CANFIELD, A.B., LL.B ..... *Professor*
[1] HENRY S. REDFIELD, A.M., LL.D ..... *Nash Professor*
CHARLES THADDEUS TERRY, A.B., LL.B ..... *Professor*
NATHAN ABBOTT, A.B., LL.B ..... *Professor*
WILLIAM D. GUTHRIE, A.M ..... *Professor*
HARLAN F. STONE, A.B., LL.B ..... *Professor*
GOLDTHWAITE H. DORR, A.B., LL.B ..... *Associate*
JACKSON E. REYNOLDS, A.B., LL.B ..... *Associate*
FREDERICK P. WHITAKER, A.B., LL.B ..... *Assistant*

Courses

See introductory paragraphs, page 53

101–102—Contracts. 4 hours. Professor TERRY
103—Criminal law. 3 hours. Professor STONE
105—Elements of law. 3 hours. Professor MUNROE SMITH
107—Pleading I. 3 hours. Professor REDFIELD
108—Property I. 4 hours. Professor KIRCHWEY
110—Torts. 4 hours. Professor BURDICK
111—American constitutional law I. 1 hour. Professor GUTHRIE
201—Agency. 3 hours. Mr. REYNOLDS
202—Carriers. 3 hours. Mr. REYNOLDS
[203—Admiralty. 2 hours. Mr. DORR]
205—Domestic relations. 2 hours. Professor ABBOTT
[206—Bankruptcy. 2 hours. Professor ——]
207—Equity I. 3 hours. Professor ABBOTT
208—Trusts. 3 hours. Professor STONE
210—Negotiable paper. 3 hours. Professor BURDICK

[1] Absent on leave second half-year.

211—Insurance. 2 hours. Mr. DORR

212—Federal jurisdiction. 2 hours. Mr. DORR

213—Pleading II. 4 hours. Professor REDFIELD

215–216—Property II. 2 hours. Professor KIRCHWEY

218—Quasi contracts. 3 hours. Professor ABBOTT

219—Sales. 3 hours. Professor BURDICK

221–222—Corporations. 2 hours. Professor CANFIELD

[223—Equity II. 3 hours. Professor STONE]

225—Evidence. 4 hours. Professor KIRCHWEY

228—New York trusts. 2 hours. Professor CANFIELD

229—Partnership. 3 hours. Professor BURDICK

230—Mortgages. 3 hours. Professor STONE

231—Pleading III. 3 hours. Professor REDFIELD

232—Suretyship. 2 hours. Professor ABBOTT

233–234—Property III. 2 hours. Professor ABBOTT

235—Wills. 3 hours. Professor STONE

236—Trial evidence. 1 hour. Mr. DORR

Public Law and Comparative Jurisprudence

JOHN WILLIAM BURGESS, Ph.D., LL.D.....*Ruggles Professor*
MUNROE SMITH, J.U.D., J.D., LL.D.....*Professor*
FRANK JOHNSON GOODNOW, LL.D.....*Eaton Professor*
JOHN BASSETT MOORE, LL.D.....*Hamilton Fish Professor*
CHARLES AUSTIN BEARD, Ph.D.....*Associate Professor*
EDWARD MCCHESNEY SAIT, A.M.....*Lecturer*

The courses in this department are not open to women. For the significance of course numbers see page 53.

I. Courses in Public Law

A—Courses in Politics and Constitutional Law

1–2—Elementary course. 3 hours. Professor BEARD and Mr. SAIT

101—Formation of the American constitutional system. 2 hours. Professor BEARD. (Identical with History 161.)

102—Development of the American constitutional system. 2 hours. Professor BEARD. (Identical with History 162.)

103–104—Comparative politics and government. 2 hours. Professor BEARD

105—Party government in the United States. 2 hours. Professor BEARD

106—American state government. 2 hours. Professor BEARD

203–204—Constitutional law of the United States. 2 hours. Professor GOODNOW

210—Introduction to the constitutional law of the United States. 1 hour. Professor GUTHRIE

301–302—Seminar in constitutional and administrative law. 1 hour. Professors GOODNOW and BEARD

B—Courses in Administrative Law

143—Municipal science and administration. 2 hours. Professor GOODNOW

144—History and principles of colonial administration. 2 hours. Professor GOODNOW.

[146—Municipal functions. Professor BEARD]

241—Law of officers (extraordinary legal remedies). 2 hours. Professor GOODNOW

246—Law of municipal corporations. 2 hours. Professor GOODNOW

[248—Law of taxation. 2 hours. Professor GOODNOW]

341–342—Public law—Seminar in constitutional and administrative law. 1 hour. Professors GOODNOW and BEARD

C—Courses in International Law

221—History of diplomacy. 2 hours. Professor J. B. MOORE. (Identical with History 255.)

120—History of American diplomacy. 2 hours. Professor J. B. MOORE. (Identical with History 164.)

223–224—International law. 2 hours. Professor J. B. MOORE

321–322—Seminar in international law. 2 hours. Professor J. B. MOORE

II. Courses in Comparative Jurisprudence

161—Elements of law. 3 hours. Professor MUNROE SMITH

263—Roman law. 3 hours. Professor MUNROE SMITH

266—History of European law. 3 hours. Professor MUNROE SMITH

268—Modern civil law of western Europe. 3 hours. Professor MUNROE SMITH

269–270—Conflict of laws. 1 hour. Professor J. B. MOORE

361–362—Seminar in legal history and comparative legislation. 1 hour. Professor MUNROE SMITH

363–364—Advanced seminar in comparative jurisprudence. Professor MUNROE SMITH

Public Lectures

Public lectures of special interest to students of politics and jurisprudence are maintained by specific endowments, such as the Beer lectures in political science, the Blumenthal lectures in politics, and the Carpentier lectures in law. Some of these lectures are given by distinguished foreigners, others by men prominent in public life in the United States.

Library Facilities

In addition to excellent working collections of constitutions, codes, session laws, judicial decisions, government reports, legal treatises, transactions of legal societies, and law journals of the principal foreign countries as well as of the United States, the Library of Columbia University offers special advantages to students of politics, public law, and comparative jurisprudence in the collections of Henry Livingston Thomas, late chief translator to the Department of State, of the Holland Society of New York, and of the Reform Club of the City of New York, of which the Columbia Library is the depositary. The materials thus furnished are richly supplemented by those in the libraries of public institutions, learned societies, and civic organizations, particularly the Hispanic Society of America, with its unique collection of materials relating to the history, institutions, and culture of Spain, Portugal, and Latin America, the Bar Association, and the Law Institute. To these libraries advanced students have access under favorable conditions.

Manual Training

Fifty courses in Industrial Arts are offered under the auspices of Teachers College. For details see the *Announcement of Teachers College*, which will be sent without charge, upon application to the Secretary of the University.

(See also Shopwork, page 165)

Materia Medica

(See page 145)

Mathematics

CASSIUS JACKSON KEYSER, Ph.D.....*Adrain Professor*
THOMAS SCOTT FISKE, Ph.D.....*Professor*

FRANK NELSON COLE, Ph.D.....*Professor*
[1]JAMES MACLAY, Ph.D.....*Professor*
DAVID EUGENE SMITH, Ph.D.....*Professor*
HENRY BEDINGER MITCHELL, E.E., A.M.....*Professor*
EDWARD KASNER, Ph.D.....*Professor*
HERBERT E. HAWKES, Ph.D.....*Professor*
WILLIAM B. FITE, Ph.D.....*Professor*
CHARLES C. GROVE, Ph.D.....*Assistant Professor*
CLIFFORD BREWSTER UPTON, A.M..*Assistant Professor in Teachers College*
ARTHUR RAY MAXSON, A.M.....*Instructor*
LEWIS PARKER SICELOFF, A.B.....*Instructor*
WILLIAM C. KRATHWOHL, A.M.....*Instructor*
HARRY WILFRED REDDICK, A.M.....*Instructor*
NELS J. LENNES, Ph.D.....*Instructor*
HAROLD B. CURTIS, Ph.D.....*Instructor*
JOSEPH S. CORBETT, A.M.....*Assistant*
JAMES E. GRAY, A.B.....*Assistant*

Courses

For the significance of course numbers, see page 53

A[1]—Geometry. 1 hour, first half-year. Mr. MAXSON, Mr. SICELOFF, Mr. REDDICK, and Dr. LENNES

A[2]—Algebra. 3 hours, second half-year. Professor FITE, Mr. MAXSON, Mr. SICELOFF, Mr. REDDICK, and Dr. LENNES

A[3]—Trigonometry. 2 hours, first half-year. Mr. MAXSON, Mr. SICELOFF, Mr. REDDICK, and Dr. LENNES

1—Algebra. 2 hours, first half-year. Professors H. B. MITCHELL, HAWKES, FITE, and GROVE, and Mr. MAXSON, Mr. REDDICK, and Dr. LENNES

3–4—Analytical geometry. 3 hours. Professors H. B. MITCHELL, HAWKES, FITE, and GROVE, and Mr. MAXSON, Mr. SICELOFF, Mr. REDDICK, and Dr. LENNES

5–6—Differential and integral calculus. 3 hours. Professor HAWKES

7—Projective geometry. 3 hours. Professor FITE

8—Solid analytical geometry. 3 hours. Professor H. B. MITCHELL

11—Higher algebra. 3 hours. Mr. SICELOFF

12—Mathematics of statistics. 3 hours. Professor GROVE

14—Fundamental concepts in mathematics. 3 hours. Professor HAWKES

2–65—Differential and integral calculus. **2**, 2 hours; **65**, 5 hours.

[1] Absent on leave first half-year.

Professors KEYSER, FISKE, MACLAY, HAWKES, FITE, and GROVE, and Mr. REDDICK and Dr. LENNES

67–68—Differential and integral calculus. 67, 5 hours; 68, 2 hours. Mr. REDDICK and Dr. LENNES

101–102—Modern theories in geometry. 3 hours. Professor KEYSER

[111–112—Modern higher algebra. 3 hours. Professor MACLAY]

151–152—History of mathematics. 2 hours. Professor SMITH

201–202—Advanced calculus—Introduction to the theory of functions of a real variable. 3 hours. Professor FISKE

[203–204—Theory of functions of a complex variable. 3 hours. Professor FISKE]

205–206—Introduction to the theory of functions. 3 hours. Professor COLE

221–222—Theory of plane curves. 3 hours. Professor COLE

[307–308—Theory of groups. 3 hours. Professor COLE]

309–310—Functions defined by linear differential equations. 3 hours. Professor FISKE

[311–312—The general theory of assemblages. 3 hours. Professor KEYSER]

[313–314—Theory of invariants. 3 hours. Professor COLE]

323–324—The principles of mathematics. 3 hours. Professor KEYSER

[337–338—Geometry of dynamical systems. 2 hours. Professor KASNER]

339–340—Geometry of differential equations. 2 hours. Professor KASNER

[341–342—Elliptic functions. 3 hours. Professor MACLAY]

344—Differential geometry. 3 hours. Professor MACLAY

Courses in Barnard College

A^1–A^2—Geometry, algebra, and trigonometry. 3 hours. Professor KASNER, Mr. KRATHWOHL, and Dr. CURTIS

21—Analytical geometry. 3 hours. Professor KASNER

22—Elements of the calculus. 3 hours. Professor KASNER

23–24—Theory of equations. 3 hours. Mr. KRATHWOHL

25–26—Calculus. 3 hours. Professor COLE

27–28—Projective geometry. 3 hours. Mr. KRATHWOHL

31–32—Advanced analytical geometry. 3 hours. Dr. CURTIS

33–34—The fundamental concepts of modern mathematics. 3 hours. Professor KASNER

[35–36—General introduction to higher mathematics. 3 hours. Professor KASNER]

Equipment

In connection with the Department of Mathematics and in addition to the regular library facilities there is a large and fully equipped reading-room, 501 Fayerweather, in which are available the current numbers of over one hundred and fifty mathematical journals and periodicals, including nearly every mathematical journal of standing published.

The laboratory equipment of the department has been greatly increased and is among the best in the country. The recent acquisitions of mathematical models and instruments include the famous collections of Wiener and Schilling. By means of models and charts are illustrated the theory of elementary solid geometry, plane and solid analytic geometry, descriptive and projective geometry, higher plane and twisted curves and higher surfaces and their singularities, together with many of the more intricate concepts and forms in the general theory of functions, elliptic functions, infinite series and products, and analysis situs. Room 503 Fayerweather has been set apart as a mathematical laboratory and model room.

Teachers College is well supplied with models and apparatus for use in teaching mathematics in all grades, from the kindergarten through the high school, together with various instruments for mechanical computation, including a Stanley arithmometer. The large collection of instruments, autographs, portraits, and other material illustrating the historical development of mathematics, the property of Professor Smith, is placed at the disposal of the students, as is his extensive library on the history and teaching of the subject. Arrangements may be made by which advanced students in the history of mathematics may have access to the library of George A. Plimpton, Esq., which is particularly rich in manuscripts, incunabula, and sixteenth-century works on the subject. The department has a large collection of stereopticon slides illustrating many important manuscripts and early works from this and other libraries.

Mechanical Engineering

CHARLES E. LUCKE, M.S., Ph.D. ..... *Professor*
WALTER RAUTENSTRAUCH, M.S. ..... *Professor*
CHARLES B. GOING, Ph.B. ..... *Associate*
HARRY L. PARR, A.B., M.E. ..... *Instructor*
THOMAS McC. GUNN, A.M. ..... *Instructor*
CHARLES W. THOMAS, M.E. ..... *Instructor*
EDWARD D. THURSTON, Jr., A.B., M.E. ..... *Instructor*
A. LOWELL HERRICK, B.S., C.E. ..... *Instructor*

Non-Resident Lecturers

J. G. Callan, B.S. ..... *Lecturer*
H. J. B. Clark ..... *Lecturer*
H. F. T. Erben ..... *Lecturer*
Charles B. Going, Ph.B ..... *Lecturer*
N. C. Grover ..... *Lecturer*
L. C. Loewenstein, Ph.D ..... *Lecturer*
Fred. J. Miller ..... *Lecturer*
Lincoln De G. Moss ..... *Lecturer*
Fred. W. O'Neil ..... *Lecturer*
Fred. Ophuls, M.E ..... *Lecturer*
L. R. Pomeroy ..... *Lecturer*
Frederick Ray ..... *Lecturer*
H. G. Reist ..... *Lecturer*
R. H. Rice ..... *Lecturer*

Courses

See also introductory paragraphs, page 53

11–12—Steam power machinery. 3 hours and 1 afternoon, second half-year. Professor Lucke and Mr. Gunn

13–14—Steam power machinery shorter course. 3 hours. Professor Lucke and Mr. Gunn

17–18—Engineering thermodynamics. 2 hours. Professor Lucke and Mr. Gunn

19–20—Engine design. 6 hours and 4 afternoons. Professor Rautenstrauch and Mr. Thomas

22—Gas power machinery. 4 hours and 1 afternoon. Professor Lucke, Mr. Gunn, and Mr. Parr

25—Steam-power economics and plant design. 3 hours and 2 afternoons. Professor Lucke and Mr. Gunn

31–32—Standard tests and research methods. 1 hour and 1 afternoon. Mr. Thurston

33—Standard tests and research methods—Continuation of Course 31–32. 2 hours and 1 afternoon. Mr. Parr and Mr. Thurston

36—Kinematics of machinery. 2 afternoons. Mr. Thomas

39–40—Machine design. 1 hour and 2 afternoons, first half-year; 2 hours and 2 afternoons, second half-year. Professor Rautenstrauch and Mr. Thomas

41—Machine design. Short course for students in Civil and Electrical Engineering. 1 hour and 1 afternoon. Mr. Thomas

46—Water-power machinery. 3 hours. Mr. HERRICK

52—Works management. 2 hours. Professor RAUTENSTRAUCH, Mr. GOING, and others.

53—Steam turbines. 2 hours. Mr. PARR, Dr. LOEWENSTEIN, and others.

54—Shop processes: tools and time study. 2 hours. Professor RAUTENSTRAUCH, Mr. MILLER, and others.

56—Water-power installations. 1 hour. Mr. HERRICK

59—Empiric design. 2 hours and 1 afternoon. Mr. THOMAS

60—Hydraulic laboratory. 1 afternoon. Mr. HERRICK

61—Seminar. 1 hour. Professor LUCKE

62—Refrigerating machinery. 1 hour. Mr. OPHULS and Mr. THURSTON

63—Hydraulic laboratory. Same as 60. 1 afternoon. Mr. HERRICK

66—Air machinery. 2 hours. Mr. THOMAS, Mr. O'NEIL, and Mr PARSONS

66—Elevating and conveying machinery. 1 hour. Professor RAUTENSTRAUCH and Mr. Moss

68—Factory design. 2 hours and 1 afternoon. Professor RAUTENSTRAUCH, Mr. DAY, and others.

70—Pumping machinery. 2 hours. Mr. THURSTON, Mr. HAGUE, and others.

72—Gas-power machinery—Selections from 22. 2 hours and 1 afternoon. Professor LUCKE and Mr. GUNN

74—Gas-power machinery—Selections from 22. 2 hours. Professor LUCKE and Mr. GUNN

76–77—Standard tests and research methods—Selections from 31–32, 33. Mr. PARR and Mr. THURSTON

78—Kinematics—Selections from 36. 1 afternoon. Mr. THOMAS

81–82—Heating and ventilation. 2 hours. Professor LUCKE

94s—Factory summer work—Memoir on second summer work. Professor RAUTENSTRAUCH

96s—Power plant summer work—Memoir on third summer work. Professor LUCKE and Mr. GUNN

201–202—Advanced experimental and design investigations. Professor LUCKE and RAUTENSTRAUCH

203–204—Mechanics of the steam turbine. Professor LUCKE

205–206—Vibration in machines. Professor RAUTENSTRAUCH

207–208—Advanced machine design. Professor RAUTENSTRAUCH

Equipment

This department is well equipped with offices for the usual work and rooms for student conferences; lecture-rooms of various sizes; valuable collections of models and specimens to illustrate the lectures; and drafting-rooms provided with large numbers of blue-prints, photographs, and catalogues of standard and special machinery supplied by manufacturers, but the departmental equipment is chiefly remarkable in the excellent facilities available for the prosecution of experimental work, both for undergraduate students and graduate research. This experimental equipment includes all the standard and many special forms of measuring instruments, means for their calibration, and an unusually large collection of full-size standard machinery, covering practically every important class. This equipment is valued at approximately $80,000.00, and the experimental laboratories, in which it is maintained, cover a floor space of approximately 10,000 sq. ft. Further details of this equipment are given in the departmental announcement.

Metallurgy

ARTHUR L. WALKER, E.M. ..... *Professor*
[1] HENRY M. HOWE, LL.D. ..... *Professor*
WILLIAM CAMPBELL, Ph.D., D.Sc. ..... *Associate Professor*
EDWARD F. KERN, Ph.D. ..... *Instructor*

101—Introduction to metallurgy. 3 hours lectures, first half first term. Dr. KERN

111—Metallurgy of copper. 3 hours. Dr. KERN

118—Metallurgy of copper—Advanced course. 1 hour conference. Dr. KERN

122—Metallurgy of lead, silver, gold, zinc, and minor metals. 3 hours lectures. Professor WALKER

128—Metallurgy of lead, etc.—Advanced course. 1 hour conference. Professor WALKER

131—Metallurgy of iron and steel—Shorter course. 2 hours lectures for nine weeks. Professor CAMPBELL

134—Metallurgy of iron and steel—Longer course. 2 hours lectures. Professors WALKER and CAMPBELL

138—Metallurgy of iron and steel—Advanced course. 1 hour conference. Professor CAMPBELL

141—Electrometallurgy. 2 hours lectures for six weeks. Dr. KERN

148—Electrometallurgy—Advanced course. 1 hour conference for six weeks. Professor WALKER and Dr. KERN

[1] Absent on leave 1910–11.

151—Constitution and properties of alloys. 2 hours lectures. Professor CAMPBELL

155–156—Metallography of iron, steel, and industrial alloys. Total of 3 lectures and 3 or more afternoons laboratory. Professor CAMPBELL

62s—Summer course in non-ferrous metallurgy. Dr. KERN

64s—Summer course in iron and steel. Professor CAMPBELL

66s—Summer course in non-ferrous metallurgy. Six weeks. Dr. KERN

72—Metallurgical laboratory. 10 consecutive afternoons. Professor CAMPBELL and Dr. KERN

78—Thesis for students in Metallurgical Engineering

158—Advanced course on constitution and property of alloys. 1 hour. Professor CAMPBELL

171—Metallurgical laboratory. 2 afternoons. Professor CAMPBELL and Dr. KERN

173–174—Advanced metallurgical laboratory work.

175—Art of metallurgical investigation. 10 afternoons conference Professors WALKER and CAMPBELL

177—Metallurgical plant construction. Professors WALKER and CAMPBELL and Dr. KERN

201–202—Special courses in pyrometry, the microstructure of metals and alloys, the chemistry of roasting processes, etc., consisting of personal instruction and original experimental investigation. Professors WALKER and CAMPBELL and Dr. KERN

METALLURGICAL EXCURSIONS—During the term the students see, at the metallurgical works near the city, iron blast furnaces, Bessemer and open-hearth steel making, lead and copper smelting, copper. Bessemerizing and refining by furnace and electrolytic methods, the desilverizing of base bullion, and the parting and refining of gold and silver by electrolytic and acid methods.

Equipment

LECTURE DIAGRAMS—There are very many large lecture diagrams showing the various metallurgical appliances, and the sequence of metallurgical processes, besides many models, drawings, and apparatus for lecture demonstrations — for instance, in the heat-treatment and rolling of metals and in wet processes.

METALLURGICAL COLLECTION—There is a collection of about 3000 specimens of ores, metals, and metallurgical products, and a rapidly forming collection of microscopic sections and photomicrographs of metals and alloys.

Analytical Laboratory—The department has an analytical laboratory open to the students in Metallurgy.

Metallurgical Laboratory — 1. *Instruments of Precision of Metallurgy*—There are enough Le Chatelier thermo-electric pyrometers to give each student the exclusive use of one throughout his course, and many others of various kinds, some of great precision, some with autographic attachments, etc.

For the microscopic study of metals there are many special microscopes, with appliances for polishing, sclerometers, a drop-testing machine, a Fremont drop-testing machine, special testing machines for metals, ammeters, etc.

2. *For Analytical Metallurgy*, or the study of the principles and reactions of metallurgy taken singly as distinguished from the several industrial processes each taken as a unit, there are many special furnaces heated by electricity or gas, a small power-driven roll-train, etc.

3. *For Applied Metallurgy* there are, besides the common furnaces, special crucible melting furnaces, muffles, etc., two small reverberatory roasting furnaces, a set of lixiviating and precipitating vats, amalgamating pans, kettles for desilverizing lead, a chlorinating barrel, Abbé pebble-mill, Abbé jar-mill, storage batteries, voltmeters and ammeters for electrolysis, and a working stock of ores, refractory materials, fluxes, alloys, iron, and of very many varieties of steel.

4. *Advanced Students*—The laboratory gives advanced students and practitioners unusual advantages for investigating accurately the scientific and many of the economic problems of metallurgy.

Metallurgical Library—The Metallurgical Department has a special metallurgical library of about sixteen hundred volumes.

Mineralogy

Alfred J. Moses, E.M., Ph.D..... *Professor*
Lea McI. Luquer, C.E., Ph.D.....*Assistant Professor*
Maurice A. Lamme, Ph.D.....*Instructor*
Gaillard Sherman Rogers, A.M.....*Assistant*

Courses

See introductory paragraphs, page 53

1–2—Descriptive and determinative mineralogy. *C* 3 hours, *L* 2 afternoons; 2, first term; 1, second term. Professors Moses and Luquer, Dr. Lamme, and Mr. Rogers

3–4—General mineralogy—*C* 2 hours, *L* 1 afternoon. Professor Moses

5—The minerals of building-stones and the common ores. *C* 2 hours, and *L* 1 afternoon. Professor LUQUER and Assistants

6—Optical mineralogy—Minerals in rock sections. *L* 2 afternoons for two months. Professor LUQUER and Assistants

7–8—Descriptive and determinative mineralogy. *C* 3 hours, *L* 2 afternoons, first term. Professors MOSES and LUQUER, Dr. LAMME, and Mr. ROGERS

15–16—Mineralogy—Minerals important in the chemical industries. *L* 1 afternoon. Professor MOSES and Assistants

207–208—Optical mineralogy. *C* 1 hour, *L* 1 afternoon. Professor LUQUER

209–210—Physical crystallography. *C* 1 hour, *L* 1 afternoon. Professor MOSES

211–212—Mineralogy—Study of assigned subject. 12 hours for two years. Professor MOSES

Equipment

The work of the students in the college courses and in general mineralogy is performed in the lecture-room, in the blowpipe laboratory, and in the adjoining conference-room, in which are the student collections of crystal models and minerals and several thousand unlabelled specimens used in determinative work. The department possesses also about 1200 sections of minerals and rocks, and 1500 crystal models in wood and glass. Students in optical mineralogy use a separate room with north light, and for crystal measurements and monochromatic light determinations there is provided a large dark-room.

The Egleston Mineralogical Museum contains about 30,000 labelled specimens, and includes a systematic collection; an economic collection of ores, building materials, and minerals used in chemical industries; a collection illustrating the genesis and alteration of minerals; a collection illustrating the characters of minerals; and small collections of artificial minerals and New York City minerals.

Mining

[2] HENRY S. MUNROE, E.M., Ph.D., Sc.D.....*Professor*
[1] ROBERT PEELE, E.M.....*Professor*
EDWARD L. KURTZ, E.M.....*Assistant Professor*
EDWARD K. JUDD, A.B., E.M.....*Instructor*
JAMES F. MCCLELLAND, E.M.....*Lecturer*

[1] Absent on leave first half-year. [2] Absent on leave second half-year.

Courses

See introductory paragraphs, page 53

51—Excavation and tunnelling. 3 hours. Professor PEELE

52—Boring and shaft-sinking. 2 hours. Professor PEELE

53—Excavation, tunnelling, boring, and shaft-sinking. Condensed from courses 51 and 52 for students in Civil Engineering. 3 hours. Mr. JUDD

54—Prospecting, exploration, development, and methods of working. 3 hours. Professor MUNROE

56—Mine engineering. Surface handling and transportation; transshipment and storage of minerals. Drainage. Water supply. Ventilation. Accidents. Mine surveying, sampling, and valuation. 3 hours. Professor MUNROE

71–72—Mine plant. Hoisting, drainage, ventilating and compressed-air plant, machine drills, coal cutters, and underground handling and haulage. 3 hours. Professor PEELE

73—Mine constructions. Building materials, retaining walls, trestles, ore-bins, etc. 1 hour. Professor PEELE

75—Design of mine plant. Working drawings of specified portions of mine plant, made under supervision and advice in connection with graduating project. 4 afternoons. Professors PEELE and KURTZ and Mr. JUDD

77–78—Graduating thesis or project. Professor PEELE

80—Mill constructions. 1 hour. Professor KURTZ

81—Ore dressing, gold milling, and the mechanical preparation of coal. 4 hours. Professor MUNROE

82—Ore-dressing laboratory. Working tests. Adjustment, operation, and sampling of concentrating machines. Afternoon work for three weeks. Professors MUNROE and KURTZ and Mr. JUDD

91—Administration, organization, and business management. 2 hours. Professors MUNROE and KURTZ

94—Mining law. 2 hours. Professor KURTZ

Summer Courses

58s—Summer course in mine surveying, preceding Mining 59s. 1 week. Professors MUNROE and KURTZ and Mr. JUDD

59s—Summer course in practical mining is held in June and July, in the vacation between the third and fourth years, and lasts seven weeks. Professors PEELE and KURTZ and Mr. JUDD

The summer course includes four to six weeks' detailed study of the plant and methods of working at some important mine or mines selected for the purpose; and one week or more of excursions to other mines and mining regions. Arrangements are also made by which students in small groups may substitute, for the above, independent study at different mines under the general direction of the department.

Graduate Courses

Special courses, consisting of personal instruction, reading, and experimental investigation, will be arranged for advanced students according to their individual needs and ability. These investigations will be made at mines and dressing works, either in connection with the summer school or elsewhere as assigned, with additional work, as required, in the library and in the laboratories of the department. These courses vary in difficulty and in the amount of time necessary according as the student is a candidate for the degree of A.M. or Ph.D. and according as he pursues mining as a major or a minor subject. The time required is governed by the rule that a course or courses should occupy about 18 hours a week (outside reading and study included) if taken as a major subject, and about 9 hours a week if taken as a minor subject. Any of the following courses may be offered as a minor for the degree of A. M. by students who have had the appropriate prerequisites:

101–102—Mining and ore dressing—Mining 54, 81, and 82. 4 hours, with laboratory work and reading as required.

103–104—Mining engineering—Mining 54, 56, and 91. 4 hours lectures and reading as required.

105–106—Design of mine plant—Mining 71–72, 73, and 75. 3 hours and 4 afternoons draughting-room work.

107–108—Design of ore-dressing works—Mining 80, 81, 82, 73, and 75, with 1 hour conference additional, first half-year. 3 hours and 5 afternoons laboratory and draughting-room work.

109–110—Mining—All the undergraduate courses in the Department of Mining.

Under the regulations for the degrees of A.M. and Ph.D. the following courses may be offered by graduate students who have had all the undergraduate courses in Mining or their equivalent:

201–202—Methods of mining—Critical study of methods used in some mining region, or for a certain class of deposits.

203–204—Mining plant—Critical study of rock drilling, or coal cutting, or hoisting, or haulage, or ventilating plant at some mine or mines.

205–206—Deep mining—Study of problems involved.

207–208—Ore dressing—Critical study of some detail of the ordinary dressing methods.

209–210—Examination of a coal-washing plant, or an ore-dressing plant—4 to 6 weeks' work in the mill and in the laboratory, with conferences.

211s —Examination of a mineral property, or a mine—4 to 6 weeks devoted to field and underground work, with conferences at convenience of professor.

213–214—Economic studies in mining—Study of existing conditions affecting the production and cost of some mineral or metal.

Equipment

Lecture Illustrations—The lectures on mining are illustrated by 6 sets of books aggregating over 300 volumes, and containing 90,000 blue prints from negatives made for the purpose. There are a sufficient number of these books, illustrating the different courses of lectures, so that each student has the use of one or more for reference during the lectures and for home study. These blue prints have many advantages over the usual form of lecture illustrations by lantern slides or wall diagrams. The latter are, however, used when necessary to supplement the blue prints.

Mining Library—The University Library contains sets of the transactions of all mining, metallurgical, and engineering societies, and of the more important periodical publications on these subjects. There is also a large collection of books on mining, and all new publications of value are added as they appear. In addition, a small departmental reference library has been created, which is accessible to students at all times.

Mining Museum—The subject of mining is illustrated by collections as follows: Maps of coal and metal mines of this and other countries. Working drawings, diagrams, and photographs of mine plant, and of mining and dressing machinery. Models of mines and parts of mines and of mine plant. Mining tools: picks, shovels, hammers, drills, blasting apparatus, lamps, safety-lamps, anemometers, and machine drills. Ores and dressing products from typical works in this and other countries. Surveying instruments: geological compasses and clinometers, attraction compasses, dipping needles, hanging compasses and arcs, transits, lamp signals, rods, and apparatus for plumbing and measuring shafts.

Mining Laboratories—The basement and sub-basement of the School of Mines are equipped as laboratories for the Department of Mining. These laboratories serve four purposes: 1. To illustrate the physical laws bearing on mineral separation. 2. To afford opportunity for quantitative working tests. 3. To train students in the adjustment and operation of concentrating machinery, and in the making of efficiency tests under working conditions. 4. To give advanced students and others all necessary facilities for original investigation.

Mines and Dressing Works—Many coal, iron, and other mines, slate and stone quarries, and metallurgical works are easily accessible. Within a radius of one hundred miles of New York City may be studied numerous examples of the best practice in mining and metallurgy under most varied conditions, and some of the most modern and effective mining and dressing machinery and smelting plants in the country. The excursions of the Summer Class in Mining extend as far as the iron, copper, zinc, lead, silver, and gold regions of Michigan, Missouri, Montana, Colorado, Arizona, Utah, and California.

The metropolitan situation of the School renders it possible to present, also, as parts of the regular courses in mining, special lectures by prominent engineers. The list of such lecturers for 1910–11 and more detailed information as to the courses offered and as to the facilities for instruction will be found in the *Announcement of the Schools of Mines, Engineering, and Chemistry*, 1910–11.

Music

Cornelius Rubner, Mus. Doc.....*Professor*
Daniel Gregory Mason, A.B.....*Assistant Professor*
Frank E. Ward.....*Associate*

Courses

See introductory paragraphs, page 53

1–2—General musical course. 2 hours. Professor Mason

3–4—General musical course, advanced. 2 hours. Professor Mason

7–8—Harmony. 3 hours. Mr. Ward

9–10—Advanced harmony and elementary form. 2 hours. Professor Mason

11–12—Counterpoint. 2 hours. Professor Mason

13–14—Composition and orchestration. 2 hours. Professor Rubner

31–32—University orchestra. 2 hours. Professor Rubner

101–102—Advanced composition, orchestration, and symphonic form. 4 hours. Professor Rubner

Fourteen courses in teaching and supervision of music are offered at Teachers College. (See the *Announcement of Teachers College.*)

The Department of Music offers numerous concerts and recitals to the University. These include various concerts of chamber music, organ recitals, an annual recital of original compositions by students in the department, and the regular concerts of the University Orchestra.

Equipment

A collection of music and of books of reference is placed at the disposal of students. It includes the complete works of various composers, many orchestral and opera scores, the piano-forte classics, and vocal music, besides many theoretical, historical, and biographical works. The department has also a collection of instruments for the use of students participating in the University Orchestra.

Nature Study

(See Botany and Zoölogy)

Four courses in nature study for elementary and high schools are offered under the auspices of Teachers College. For details see the *Announcement of Teachers College.*

Neurology

M. Allen Starr, M.D., LL.D., Sc.D.....*Professor*
Frederick Peterson, M.D., Ph.D.....*Professor of Psychiatry*
J. Ramsey Hunt, M.D.....*Associate Professor and Chief of Clinic*
Edward W. Scripture, M.D.....*Associate in Pathological Psychiatry*
E. L. Hunt, M.D.....*Instructor*
Jules V. Haberman, M.D.....*Instructor*

Clinical Assistants in Neurology

E. L. Hunt, M.D.
C. E. Atwood, M.D.
Smith Ely Jelliffe, M.D.
William V. P. Garretson, M.D.
Jules V. Haberman, M.D.
H. R. Humphries, M.D.
E. J. McEntee, M.D.
J. E. Clark, M.D.
J. L. Macumber, M.D.
Christopher C. Beling, M.D.
Robert E. Pou, M.D.

Clinical Assistants in Psychiatry

Menas S. Gregory, M.D., Chief of Clinic
Chas. F. Haviland, M.D.
Robert Edward Pou, M.D.
Abraham Brill, M.D.

Courses

See introductory paragraphs, page 53

51—Didactic lectures with lantern demonstration on nervous diseases. 1 hour. Professor STARR

53–54—Clinical lectures. 1 hour. Professor STARR

55–56—Section teaching—Practical neurology. 10–12 lessons. Drs. J. R. HUNT and E. L. HUNT

57—Psychiatry. Clinics at Bellevue Hospital. 1 hour. October, November, and December. Prof. PETERSON

59–60—Practical instruction in examination and diagnosis of insane patients is given in sections in the Vanderbilt Clinic and Bellevue Hospital. Professor PETERSON and Dr. GREGORY

61–62—A research laboratory for the study of border-line cases at the Vanderbilt Clinic by Dr. SCRIPTURE. Optional. In February two clinics will be given in speech defects and their remedies.

64—Lectures on neurological subjects—6 lectures, one hour each. Th. at 2 P.M. in February and March. Professor J. RAMSEY HUNT

Obstetrics

EDWIN B. CRAGIN, M.D.....*Professor*
HARRY MCM. PAINTER, M.D.....*Professor of Clinical Obstetrics*
JAMES D. VOORHEES, M.D.....*Assistant Professor*
FELLOWES DAVIS, Jr., M.D..... *Associate in Clinical Obstetrics*
WILBUR WARD, M.D..... *Instructor*
ROBERT M. BROWN, M.D.....*Assistant in Clinical Obstetrics*

Courses

See introductory paragraphs, page 53

51—Theory and practice of obstetrics—Lectures. 3 hours, two didactic and one clinical. Professor CRAGIN

53–54—Recitations and demonstrations. 1 hour for each student, in small sections of the class. Dr. VOORHEES

55–56—Practical instruction at the Sloane Maternity Hospital. The class is divided into small sections, each section remaining on duty at the Hospital for 3 weeks. Dr. WARD

57–58—Out-patient service at the New York Infant Asylum. The class is divided into small sections, each section remaining on duty 2 weeks. Professor PAINTER and Drs. DAVIS and BROWN

The Sloane Maternity Hospital

The Sloane Maternity Hospital is situated upon the grounds of the

College of Physicians and Surgeons, and the service is under the exclusive direction of the Professor of Obstetrics in the College, one of the Instructors in Obstetrics being the resident physician.

The wards of the Hospital furnish one hundred and twenty-seven beds, and there are ample accommodations for the house staff, students, and nurses. The operating-room is equipped with all modern surgical and obstetrical conveniences, and weekly clinics for the entire third-year class are given here during the first half-year. The number of deliveries averages over sixteen hundred a year. These, with the obstetric operations and the subsequent treatment of women and infants, afford invaluable practical experience.

Oriental Languages

CHINESE

FREDERICK HIRTH, Ph.D.....*Dean Lung Professor*

Courses **101–102, 103–104,** and **105–106,** are open to Seniors in Columbia College.

See introductory paragraphs, page 53

101–102—Elementary Course—Study of Chinese Characters and Language. 3 hours. Professor HIRTH

103–104—The Mandarin Dialect. 2 hours. Professor HIRTH

105–106—History, Language, Literature, Government, Art, and Social Life of the Chinese. 2 hours. Professor HIRTH

201–202—Analysis and Translation of Easy Documents written in the Chinese Modern Business Style. 2 hours. Professor HIRTH

203–204—Analysis and Translation of Easy Literary Texts. 2 hours. Professor HIRTH

205–206—Helps and Keys in Chinese Literature. 2 hours. Professor HIRTH

Seminars

The Seminars are for research work and special study in three directions: (*a*) modern government matters; (*b*) historical literature; and (*c*) literature on art, industry, and culture.

301–302—Seminar for the Study of Chinese Government Matters. For advanced students. Hours to be arranged. Professor HIRTH

303–304—Seminar for Historical Studies in Chinese Literature. Research work in the ancient and mediæval history of Central Asia in connection with the discoveries made by modern explorers in Eastern Turkestan and similar studies. Hours to be arranged. Professor HIRTH

305–306—Seminar for the Study of Chinese Art, Industry, and General

Culture. Research work based on the Chinese literature or on foreign literature regarding the various branches of Chinese culture such as bronzes, stone sculptures, porcelain, hieroglyphics, pictorial art and objects of daily life. Hours to be arranged. Professor HIRTH

INDO-IRANIAN LANGUAGES

[1] A. V. WILLIAMS JACKSON, Ph.D., L.H.D., LL.D. ..... *Professor*
ABRAHAM YOHANNAN, Ph.D. ..... *Lecturer*

Courses

See introductory paragraphs, page 53

101—Sanskrit, Elementary Course—Grammar and reading of texts. 3 hours. Professor JACKSON

102—Sanskrit, Second Course. Reading of texts.

103—Avestan, Elementary Course—Grammar and reading of texts. 2 hours. Professor JACKSON

104—Avestan, Second Course. Reading of texts.

105—Sanskrit, Advanced Course—First half-year; Dandin's Dasakumaracarita, with the native commentary, or a Sanskrit drama. 2 hours. Professor JACKSON

106—Sanskrit, Advanced Course.—Introduction to the study of the Veda. 2 hours. Professor JACKSON

107—Modern Persian, Introductory Course. 2 hours. Dr. YOHANNAN

108—Modern Persian, Second Course—Interpretation of Sa'di's Gulistan.

201–202—Avestan, Advanced Course—Interpretation of texts, antiquities, and literature. 2 hours. Professor JACKSON

203–204—Pali, Elementary Course. 1 hour. Professor JACKSON

205—Old Persian Cuneiform Inscriptions. 1 hour. Professor JACKSON

206—Pahlavi, Introductory Course. 1 hour. Professor JACKSON

207–208—Sanskrit Literature. Lectures on some branch of the literature; rapid reading of assigned texts. 1 hour. Professor JACKSON

209—Zoroastrian Gathas. Reading of texts with the Pahlavi and the Sanskrit version. 1 hour. Professor JACKSON

210—Zoroaster and Buddha, their Life and Teachings—Lectures. 1 hour. Professor JACKSON

211–212—Modern Persian, Second-Year Course. Firdausi's Shah-Namah and Selections from Omar Khayyam. Dr. YOHANNAN

History of India and of Persia

109—History of India and of Persia. 2 hours. Professor JACKSON

[1] Absent on leave second half-year.

Course in Armenian

213–214—Principles of the Grammar with Selected Readings. 2 hours. Dr. YOHANNAN

Courses in Turkish

220—Principles of the Grammar. 2 hours. Dr. YOHANNAN

221—Exercises in Turkish Conversation and in the reading of Turkish newspapers. 2 hours. Dr. YOHANNAN

Seminar

301–302—Indo-Iranian Seminar. Professor JACKSON

Public Lectures

A course of public lectures on the literature, antiquities, and religion of the Orient is given each year.

Courses in the Science of Language

111–112—Introduction to the Study of Language. Professor JACKSON, in co-operation with Professors BOAS (American languages), CARPENTER (Germanic), FARRAND (linguistic pathology), GOTTHEIL (Semitic), HALLOCK (acoustics), HIRTH (Chinese), KRAPP (English), LODGE (Latin), OLCOTT (Italic), PERRY (Greek), PRINCE (Sumerian and Egyptian), REMY, (special linguistic phenomena), TODD (Romance). 2 hours.

113–114—Types of Language—First half-year: Indo-European and Semitic Languages. Second half-year: American and Central and Eastern Asiatic Languages. The Professors of the various departments concerned. 2 hours.

SEMITIC LANGUAGES

RICHARD J. H. GOTTHEIL, Ph.D. ..... *Professor*
JOHN DYNELY PRINCE, Ph.D. ..... *Professor*
NICHOLAS A. KOENIG, Ph.D. ..... *Gustav Gottheil Lecturer*
FREDERICK AUGUSTUS VANDERBURGH, Ph.D. ..... *Lecturer*

Courses

See introductory paragraphs, page 53

101–102—Biblical Hebrew, Elementary Course. 2 hours. Professor GOTTHEIL and Dr. KOENIG

103—Biblical Hebrew, Second Course. The Book of Daniel. 2 hours. Professor PRINCE

104—Biblical Hebrew, Third Course. The Book of Jeremiah. 2 hours. Professor GOTTHEIL

105—Biblical Hebrew, Archæology and the Old Testament. 2 hours. Professor GOTTHEIL

Other courses in Hebrew are given at the Union Theological Seminary. See below for their courses receiving credit at Columbia University.

Courses in Rabbinical Hebrew

107–108—Selected Readings from the Mishnah. 2 hours. Professor GOTTHEIL

[**109–110**—Selected Readings from the Talmud, Treatise Berachoth. 2 hours. Professor GOTTHEIL]

For Courses 107–8 and 109–10 a good knowledge of Biblical Hebrew is required.

201—Selected Readings from Hebrew Historical Works of the Middle Ages. 2 hours. Professor GOTTHEIL

Epigraphy

These courses are intended to cover the whole field of Semitic Epigraphy during a period of three years. For Course **203–204** a previous knowledge of Hebrew is required; for Course **205–206**, of Aramæan; and for Course **207–208**, of Arabic.

203—Interpretation of the Phœnician Inscriptions, with an introduction to Semitic palæography and the history of the alphabet. *Corpus Inscriptionum Semiticarum*, vol. i; Lidzbarski, *Handbuch der nordsemitischen Epigraphik*. 2 hours. Professor GOTTHEIL

206—Interpretation of the Aramæan Inscriptions of Sinjirli *Mittheilungen aus den Orientalischen Sammlungen*, Heft xi; (Berlin, 1893) and of the *Corpus Inscriptionum Semiticarum*, vol. ii. 2 hours.

[**208**—Interpretation of the Sabæan and Himyaritic Inscriptions contained in the *Corpus Inscriptionum Semiticarum*, vol. iv. 1 hour. Professor GOTTHEIL]

Courses in Assyrian

111—Elementary Course. 2 hours. Professor PRINCE

112—Second Course—Study of the Syllabary. 2 hours. Professor PRINCE. Dr. VANDERBURGH will arrange a third hour if necessary.

209—Third Course—Study of texts. 2 hours. Professor PRINCE

210—Fourth Course—Study of texts. 3 hours. Professor PRINCE, Dr. VANDERBURGH

211—Advanced Course—Sumerian Lexicography. 2 hours. Professor PRINCE

212—Advanced Course—Sumerian Hymns from Cuneiform Texts in the British Museum. 2 hours. Professor PRINCE

Courses in Arabic

113—Elementary Course. 2 hours. Dr. KOENIG

114—Second Course. 2 hours. Dr. KOENIG

215–216—Modern Arabic, Dialect of Egypt. Professors GOTTHEIL and PRINCE

213—Advanced Course—Selections from the Annals of Tabari, with special syntactical studies. 2 hours. Dr. KOENIG

214—Advanced Course—Selections from Geographical writings (*Semitic Study Series No. 8*). M. and W. at 3.10. Professor GOTTHEIL

Courses in Syriac

115—First Course—Brockelmann's *Syrische Grammatik*. 2 hours. Dr. KOENIG

116—Second Course—Interpretation of selected portions of the *Acta Martyrum*. 2 hours. Dr. KOENIG.

117—Third Course—Selected readings from the *Julian Romance*. 2 hours. Professor GOTTHEIL and Dr. YOHANNAN

118—Fourth Course. Interpretation of the Syriac Grammar of Bar Hebræus. 2 hours. Professor GOTTHEIL and Dr. YOHANNAN

Course in Ethiopic

216–217—Principles of the Grammar, and reading of the Extracts in Praetorius' *Æthiopische Grammatik* (Porta Linguarum Orientalium, pars vii; Karlsruhe, 1886). 2 hours. Professor GOTTHEIL

Courses in Oriental History

119—The Ancient History of Western Asia from the Earliest Times until the Period of Alexander the Great. 2 hours. Professor PRINCE

This course is identical with History 109

120—The Rise of Arabian Civilization and the Spread of Mohammedanism. 2 hours. Professor GOTTHEIL

This course is identical with History 104

223–224—Lectures on Arabic Literature. Arabic Poetry. Dr. KOENIG

Semitic Seminar

301–302—The Seminar will take up the study of current questions in Semitic philology and history with especial reference to modern methods of research. Professors GOTTHEIL and PRINCE. Hour to be arranged.

Courses in Egyptian

218—Elementary Course in Coptic. 1 hour. Professor PRINCE

[219—Egyptian Hieroglyphs and Advanced Coptic. Professor PRINCE]

Union Theological Seminary Courses

15—The Literature of the Old Testament in Outline. 2 hours. Professor BROWN

5—Isaiah I.–XXXIX (Selected Chapters). 2 hours. Professor BEWER

6—Psalms and Other Hebrew Poetry. 2 hours. Professor FAGNANI

9—Exegetical Class—Minor Prophets (Hosea, Micah). 2 hours. Professor BEWER

10—Exegetical Class. Ezekiel. 2 hours. Professor BEWER

106—Textual Criticism of the Old Testament, including studies in the ancient versions. 2 hours. Professor BEWER

Pathology

WILLIAM GEORGE MACCALLUM, M.D. ..... *Professor*
JOHN HENRY LARKIN, M.D. ..... *Assistant Professor and Curator of the Museum*
HUGH ANGUS STEWART, M.D. ..... *Assistant Professor*
ALWIN M. PAPPENHEIMER, M.D. ..... *Associate*
FREDERIC MOIR HANES, M.D. ..... *Associate*
ISAAC LEVIN, M.D. ..... *Associate*
HUGH AUCHINCLOSS, M.D. ..... *Instructor*
FREDK. B. HUMPHREYS ..... *Instructor*
R. A. LAMBERT ..... *Instructor*
ALFRED E. COHN ..... *Fellow*
BENJ. MICHAILOWSKI ..... *Fellow*

Courses

See also introductory paragraphs, page 53

52—General Pathology—Systematic lectures and demonstrations upon general and special pathology, each of which is followed by the practical study of the portion of the subject treated in the lecture. 9 hours a week for second half year. Professors MACCALLUM, LARKIN, and STEWART, and Drs. HANES, HUMPHREYS, and AUCHINCLOSS

55–56—Gross Pathological Anatomy—Demonstration of autopsy material. 2 hours a week. Professors MACCALLUM and LARKIN and others.

57–58—Pathological Anatomy and Autopsy Technique—Instruction in the making of autopsies and demonstration of lesions. 3 times a week in different hospitals. Professors MACCALLUM and LARKIN and Drs. PAPPENHEIMER and HANES and others

54—Conference in General Pathology—Recitation or conference

dealing with subjects studied during the preceding week. 1 hour a week. Prof. MacCallum

59–60—Advanced Pathology and Research—Properly qualified workers are admitted to the laboratories, where they may pursue the study of any special theme.

61—Experimental pathology, laboratory work on a chosen group of organs and diseases for a limited number of qualified students.

Open to candidates for A.M. and Ph.D. degrees, as well as that of M.D.

Museum

The Museum of Pathology, in charge of Professor Larkin, is made use of in the work of this department, both for the instruction of medical students and as a place of deposit for specimens showing new or rare forms of lesions.

Equipment

The Department of Pathology occupies the greater part of the fourth floor of the north wing of the College building, together with large class laboratories, amphitheatre, photographic rooms, etc., on the fifth floor. On the roof there is commodious accommodation for animals, together with small special rooms for experimental work.

On the fourth floor there are, besides the rooms devoted to the staff, large rooms with abundant desk room for special workers, several specially equipped operating rooms for aseptic experimental work, a small chemical laboratory, the museum, preparation rooms, cold storage, etc. Two rooms on this floor are occupied by the library, which is accessible to workers in this and related departments.

The entire space is amply lighted, fully furnished, and equipped with apparatus necessary for routine teaching and special research.

Pharmacy

The New York College of Pharmacy is the Division of Pharmacy of Columbia University. In the section of the catalogue devoted to the College of Pharmacy will be found a list of its officers and information as to the equipment and method of instruction. The Program of Studies includes the following courses:

Junior Year

Physics—Lectures, recitations, and laboratory, Professor Coblentz.

General and Pharmaceutical Chemistry—Lectures, Professor Coblentz; recitations, Professor Oehler

Analytical Chemistry—Laboratory work, Professor VORISEK; recitations, Dr. LESLIE

Mathematics of Pharmacy—Practical exercises, Professor VORISEK

Theory of Pharmacy—Lectures, Professor DIEKMAN; recitations, Mr. HOHMAN

Practical Pharmacy—Laboratory course, Professor DIEKMAN and Dr. WIMMER

Dispensing Pharmacy—Laboratory course, Professor DIEKMAN and Dr. WIMMER

Botany—Lectures, Professor RUSBY; recitations, Dr. BALLARD

Pharmacognosy—General laboratory course, Professor RUSBY; histological laboratory course, Professor MANSFIELD and Dr. BALLARD

Physiology—Lectures, Professor RUSBY; recitations, Professor RUSBY and Dr. BALLARD

Toxicology and Posology—Recitations, Dr. BALLARD

Biology—Professor MANSFIELD

Senior Year

Organic Chemistry—Lectures, Professor COBLENTZ; recitations, Professor OEHLER

Pharmaceutical Chemistry (inorganic and organic)—Lectures, Professor COBLENTZ; recitations, Professor OEHLER

Analytical Chemistry—Laboratory work, Professor VORISEK and Dr. LESLIE

Practical Pharmacy—Lectures and recitations, Professor DIEKMAN; laboratory course, Professor DIEKMAN and Dr. WIMMER

Dispensing Pharmacy—Laboratory course, Professor DIEKMAN and Dr. WIMMER

Materia Medica—Lectures, Professor RUSBY; recitations, Professor RUSBY and Dr. BALLARD

Toxicology—Lectures, Professor RUSBY; recitations, Professor RUSBY and Dr. BALLARD

Commercial Pharmacognosy—Laboratory, Professor MANSFIELD and Dr. BALLARD

Histological Pharmacognosy—Laboratory course, Professor MANSFIELD and Dr. BALLARD

Biology—Professor MANSFIELD

Graduate Courses

Plant Analysis—Laboratory, Professor RUSBY

Technical Microscopy—Laboratory, Professor MANSFIELD

Bacteriology—Laboratory course, Professor KNAPP

Quantitative Analysis—Laboratory, Professor VORISEK

Organic Analysis—Laboratory, Professor COBLENTZ

Theory and Practice of Inorganic Quantitative Analysis—Lectures, Professor VORISEK

Commercial Organic Analysis and Toxicology—Lectures, Professor COBLENTZ

Pharmaceutical Assaying and Higher Pharmacy—Lectures and laboratory work, Professor DIEKMAN

Physiological Chemistry—Lectures, Professor GIES

Food and Drug Course

Commercial Organic Analysis and Toxicology—Lectures and laboratory course, Professor COBLENTZ

Inorganic Quantitative Analysis—Lectures and laboratory course, Professor VORISEK

Pharmaceutical Assaying—Lectures and laboratory course, Professor DIEKMAN

Technical Microscopy—Laboratory course, Professor MANSFIELD

Food and Drug Inspection—Lectures, Professor DUFF

Pharmacology, Materia Medica, and Therapeutics

EDWARD CURTIS, M.D.....*Emeritus Professor of Materia Medica and Therapeutics*

SAMUEL W. LAMBERT, A.M., M.D.....*Professor of Applied Therapeutics*

SIMON BARUCH, M.D.....*Professor of Hydrotherapy*

WILLIAM R. WILLIAMS, A.M., M.D.....*Assistant Professor of Pharmacology and Therapeutics*

WALTER A. BASTEDO, M.D.....*Associate in Pharmacology and Therapeutics*

HENRY S. PATTERSON, A.B., M.D....*Associate in Applied Therapeutics*

CHARLES C. LIEB, M.D....*Associate in Pharmacology and Therapeutics*

ARTHUR M. SHRADY, A.M., M.D....*Chief of Clinic and Instructor in Hydrotherapy*

MAX SCHULMAN, M.D.....*Chief of Clinic and Instructor in Applied Therapeutics*

HENRY E. HALE, Jr., M.D.....*Chief of Clinic and Instructor in Applied Therapeutics*

JULES V. HABERMAN, M.D.....*Instructor in Applied Therapeutics*

FRANKLIN M. CLASS, M.D.....*Instructor in Applied Therapeutics*

BRANDRETH SYMONDS, M.D.....*Lecturer on Life Insurance*

Clinical Assistants in Applied Therapeutics

F. G. Goodridge, M.D.
Max Nisselson, M.D.
Henry M. Moretsky, M.D.
Morris Fink, M.D.
Alexander Goldman, M.D.
Davenport White, M.D.
Arthur Lefferts Hutton, M.D.
Wm. B. Boyd, M.D.
Paul Bartholow, M.D.
Ralph G. Stillman, M.D.

Clinical Assistant in Hydrotherapy

Albert J. Wittson, M.D.

Courses

See introductory paragraphs, page 53

51–52—Conferences on applied therapeutics—1 hour. Professor Lambert

53–54—Clinical instruction in therapeutics—13 hours a week at the Vanderbilt Clinic for eight weeks to sections of the class. Professor Lambert and Drs. Hale and Schulman

55–56—Recitations on general therapeutics—2 hours to sections of the class. Professor Williams

57–58—Lectures on the principles of pharmacology and therapeutics—1 hour. Professor Williams, Drs. Patterson and Foster

59–60—Lectures on materia medica, pharmacology, and therapeutics—3 hours for first half-year; 1 hour a week for second half-year. Dr. Bastedo

61—Practical instruction in the pharmaceutical laboratory—2½ hours. Dr. Bastedo

62—Laboratory course in experimental pharmacology—2 hours. Dr. Lieb

63–64—Recitations in materia medica and pharmacology—2 hours a week for first half-year; 1 hour a week for second half-year. Dr. Lieb

66—Prescription writing—1 hour a week during fourth quarter year. Dr. Bastedo

67–68—Prescription work in the pharmaceutical laboratory, for advanced students. Dr. Bastedo

70—Lectures on hydrotherapy—1 hour. Professor Baruch

71–72—Practical instruction in hydrotherapy—eight 2-hour exercises to sections of the class. Professor Baruch and Dr. Shrady

In the Vanderbilt Clinic the Department of Hydrotherapy is equipped with all appliances for the practical applications of water in disease, and every student is called upon to make practical use of the apparatus.

73—Lectures on selected subjects in therapeutics. Professor Herter

75—Lectures bearing upon the practical work of examining for life insurance—4 or 5 lectures. Dr. Symonds

201—Experimental medicine—A series of demonstrations given in co-operation with the departments of Physiology, Bacteriology, and Surgery. The subjects dealt with by this department relate to the study of the absorption of drugs, effect of drugs upon the circulation, secretion, and digestion. Six demonstrations of two hours each. Professor WILLIAMS and Dr. LIEB

Research

The research laboratory of pharmacology is open to a limited number of workers.

Philosophy and Psychology

JAMES MCKEEN CATTELL, Ph.D., LL.D. ..... *Professor*
MOSES ALLEN STARR, M.D., LL.D., Sc.D. ..... *Professor*
HERBERT GARDINER LORD, A.M. ..... *Professor*
EDWARD LEE THORNDIKE, Ph.D. ..... *Professor*
FREDERICK J. E. WOODBRIDGE, A.M., LL.D. ..... *Johnsonian Professor*
FELIX ADLER, Ph.D. ..... *Professor*
[1] CHARLES AUGUSTUS STRONG, A.B. ..... *Professor*
JOHN ANGUS MACVANNEL, Ph.D. ..... *Professor*
[1] GEORGE STUART FULLERTON, Ph.D., LL.D. ..... *Professor*
JOHN DEWEY, Ph.D., LL.D. ..... *Professor*
ROBERT SESSIONS WOODWORTH, Ph.D. ..... *Professor*
WILLIAM PEPPERRELL MONTAGUE, Ph.D. ..... *Associate Professor*
DICKINSON SERGEANT MILLER, Ph.D. ..... *Professor*
ADAM LEROY JONES, Ph.D. ..... *Assistant Professor*
NAOMI NORSWORTHY, Ph.D. ..... *Assistant Professor*
HENRY ALFRED RUGER, Ph.D. ..... *Assistant Professor*
WENDELL T. BUSH, Ph.D. ..... *Associate*
HAROLD CHAPMAN BROWN, Ph.D. ..... *Instructor*
WILLIAM F. COOLEY, Ph.D. ..... *Instructor*
HARRY LEVI HOLLINGSWORTH, Ph.D. ..... *Instructor*
MARY THEODORA WHITLEY, B.S. ..... *Instructor*
WALKER BOUGHTON PITKIN, A.B., B.D. ..... *Lecturer*
FREDERIC LYMAN WELLS, Ph.D. ..... *Lecturer*
J. F. DASHIELL, A.B. ..... *Assistant*
JOHN W. TODD, A.M. ..... *Assistant*
ALBERT T. POFFENBERGER, A.M. ..... *Assistant*
M. T. MCCLURE, A.M. ..... *Assistant*

NICHOLAS MURRAY BUTLER, Ph.D., LL.D. (Cantab.), Litt.D. (Oxon.)
President and Professor

See introductory paragraphs, page 53

[1] Absent on leave 1910–11.

Courses in Philosophy

A1–A2—At Columbia College: The principles of science. 3 hours. Professors MILLER and JONES, Dr. BROWN, Dr. COOLEY, and Mr. PITKIN. At Barnard College: Introductory psychology. 3 hours, first half-year. Introductory logic. 3 hours, second half-year. Professor MONTAGUE, Dr. HOLLINGSWORTH, and Dr. BROWN

1—Metaphysics. At Barnard College, 1 hour. Professor MONTAGUE

21–22—Ethics. At Columbia College, 3 hours. At Barnard College, 3 hours. Professor LORD

61–62—The history of philosophy. At Columbia College, 3 hours. Professor WOODBRIDGE. At Barnard College, 3 hours. Professor MONTAGUE

79—Introduction to contemporaneous philosophy. At Columbia College, 3 hours first half-year. Dr. BROWN

80—Same as **79**. At Barnard College, 3 hours, second half-year. Dr. BROWN

115—Types of theistic theory. 2 hours. Dr. COOLEY

116—Types of religious approach. 2 hours. Dr. COOLEY

121–122—Pyschological ethics. 2 hours. Professor DEWEY

126—The principles and methods of social reform. 2 hours. Professor ADLER

141—Esthetics. 2 hours. Dr. EASTMAN

142—Esthetics. 2 hours. Dr. BUSH

165—British philosophy. 3 hours. Dr. BUSH

166—Continental philosophy, Descartes, Spinoza and Leibniz. 3 hours. Mr. PITKIN

171—Greek philosophy to Plato. 2 hours. Professor WOODBRIDGE

172—Plato. 3 hours. Dr. BUSH

181–182—Practicum. Philosophy of education. 2 hours. Professor MACVANNEL in co-operation with President BUTLER

201—Foundations of logical theory. 2 hours. Professor DEWEY

202—Types of logical theory. 2 hours. Mr. PITKIN

203—Metaphysics. 2 hours. Professor WOODBRIDGE

211–212—Research work in philosophy. Professor DEWEY

213–214—Research work in philosophy. Professor WOODBRIDGE

219—Research work in symbolic logic. Dr. BROWN

222—Advanced ethics. Professor WOODBRIDGE

225–226—Seminar in ethics. 1 hour. Professor ADLER

279–280—Contemporary philosophy. 2 hours. Professor MONTAGUE

281–282—Seminar. Professor MacVannel

291–292—Practicum: Philosophy and education in their historic relations. 2 hours. Professor Dewey

323–324—The principles of mathematics. 2 hours. Professor Keyser

369—Elements of law. 3 hours. Professor Munroe Smith

371–372—Intellectual history of Western Europe. 3 hours. Professor Robinson

376—Radicalism and social reform as reflected in the literature of the nineteenth century. Professor Simkhovitch

377—General history of political theories ancient and mediæval. Professor Dunning

378—General history of modern political theories. Professor Dunning

379–380—American political philosophy. Professor Dunning

381–382—Seminar in political philosophy. Professor Dunning

411–416—Philosophy of religion. Professor Knox (at the Union Theological Seminary)

417–420—Philosophy of religion. Professor —— (at the General Theological Seminary)

421–426—Ethics. Professor T. C. Hall (at the Union Theological Seminary)

427–430—Ethics. Professor Hunt (at the General Theological Seminary)

Courses in Psychology

1–2—Elements of general psychology. 3 hours. Professor Lord

3–4—Experimental psychology, introductory course. Lectures, 2 hours. Laboratory work, 4 hours. Professor Woodworth assisted by Messrs. Todd and Poffenberger

7–8—Experimental psychology, introductory course. Lectures, 2 hours. Laboratory work, 4 hours. At Barnard College. Dr. Hollingsworth

9–10—Experimental psychology, intermediate course. At Barnard College. Dr. Hollingsworth

17–18—Applications of experimental psychology to education. 2 hours. Professor Ruger

21–22—The psychology of childhood. 2 hours. Professor Norsworthy

111–112—Experimental psychology, advanced course. 2 hours. Professor Cattell

113–114—Experimental psychology. Laboratory work in connec-

tion with Psychology 111–112. 2 to 8 hours. Professor CATTELL and Mr. TODD

121–122—Educational psychology, advanced course. 2 hours. Professor THORNDIKE

123—The psychology of the elementary school subjects. 1 hour. Professor THORNDIKE

135–136—Pathological psychology. 2 hours. Dr. WELLS

171–172—The psychology of religion. Professor COE

221–222—The application of psychological and statistical methods to education. 2 hours. Professor THORNDIKE

231–232—Special psychology. 2 hours. Professor WOODWORTH

235–236—Pathological psychology, advanced course. 2 hours. Dr. WELLS

251–252—Diseases of the mind and nervous system. 1 hour, four months. Not open to women. Professor STARR

281–282—Seminar in psychology. 2 hours. Professors CATTELL and WOODWORTH

283–284—Research in psychology. Professors CATTELL and WOODWORTH assisted by Mr. TODD and Mr. POFFENBERGER

301–302—Colloquium in psychology. Professor CATTELL

321–322—Seminar in educational psychology. Professor THORNDIKE

Equipment

LIBRARY FACILITIES—The library facilities of Columbia University and of the city of New York, for students of philosophy and psychology, are unusually good. The collection of books on the history of philosophy in the University Library is very large, that on Kant and his philosophy being especially complete. About 1000 periodicals are regularly received, and among them will be found every journal of importance, American or foreign, dealing with philosophy or psychology. Duplicates of the more important psychological books and journals are placed in the Psychological Laboratory, where there is also a card index of psychological literature containing over 25,000 titles. Students of psychology will also find much of value in the Library of the Academy of Medicine, 17 West 43d Street, which is open to students free of charge. The New York Public Library is also available for students, when introduced by one of the instructors, on especially favorable terms.

THE PSYCHOLOGICAL LABORATORY—The laboratory is in Schermerhorn Hall, a building "devoted to the advancement of natural science." It occupies the eastern half of the second floor and part of the

floor immediately above, the rooms being as follows: A lecture-room, seating one hundred students, used also as a general laboratory; a seminar room with a department library, a workshop, a photographic and chemical room, an apparatus cabinet, an anthropometric laboratory, five rooms used as offices and laboratories by the officers of the department, and eight research laboratories. Two of these are dark-rooms, specially constructed to exclude sound as well as light, 18 feet high and well ventilated. The laboratory has light from the north and south, is supplied with electric current of both high and low potential, and is in all respects equipped both for instruction and research. The collection of apparatus includes: (1) Outfit for making and repairing apparatus, electric motors, etc. A skilled instrument-maker is continually employed, adding greatly to the efficiency of the laboratory. (2) The outfit of an anthropometric laboratory with which Freshmen in the college and others are annually tested. (3) The apparatus, preparations, charts, etc., needed for complete courses in experimental and physiological psychology; and (4) the apparatus that has been used or is being used in special researches, a large part of which has been made especially for the laboratory. The outfit for the courses of instruction is now in large measure secured, and the annual appropriations can be used chiefly for apparatus needed in special researches.

Physical Education

THOMAS DENISON WOOD, A.M., M.D. ..... *Professor*
[1] GEORGE LOUIS MEYLAN, A.M., M.D. ... *Assistant Professor and Medical Director of Gymnasium*
WILLIAM SKARSTROM, M.D. ..... *Instructor*
FRANKLIN C. FETTE, Ph.B., B.P.E. ..... *Instructor*
DEXTER W. DRAPER, M.D. ..... *Assistant*
T. B. KIRKPATRICK, B.S. ..... *Assistant*
I. BLOOM, A.M. ..... *Assistant*
J. E. GRAY, A.B. ..... *Assistant*
B. B. FOSTER ..... *Assistant*
F. BEYERMAN ..... *Assistant*
FRANK D. SMITH ..... *Assistant*
GEORGE THOMAS HOLM ..... *Teacher of Swimming*
EDWARD T. KENNEDY ..... *Assistant Teacher of Swimming*

Courses

See introductory paragraphs, page 53

For Men

Hygiene 1–2. Lectures, quizzes, and a report on some phase of personal hygiene or sanitation. 3 hours. Professor MEYLAN

[1] Absent on leave second half-year.

Physical education A1–A2. 2 hours a week of elementary graded gymnastic exercises, swimming, and 6 lectures on personal hygiene. In sections. 2 hours. Dr. SKARSTROM and Assistants

Physical education B1–B2. 2 hours a week of graded gymnastic exercises, athletics, and 6 lectures on personal hygiene. In sections. 2 hours. Professor MEYLAN, Mr. FETTE, and Assistants

For Women

A1–A2—Elementary graded gymnastic exercises and lectures on personal hygiene. In sections. 2 hours. Miss CALHOUN

B1–B2—Graded gymnastic exercises and lectures on personal hygiene. In sections. 2 hours. Miss CALHOUN

C1–C2—National folk and æsthetic dancing. 2 hours. Miss CALHOUN

There are also fifteen courses given under the auspices of Teachers College: Physical Education 1–2, 3–4, 5–6, 9–10, 105, 107–108, 109–110, 114, 115–116, 119–120, 121–122, Education 87–88, 187–188, 189–190, and 289–290.

Equipment

The main exercising room is semicircular in shape, and has a floor area of 16,000 square feet. The ceiling is 35 feet high, and the room is well lighted and well ventilated, both naturally and artificially. The running track is 11 feet wide, with ends raised, and measures 10 laps to the mile. On the same floor as the running track are the Gymnasium and Director's offices, an auxiliary gymnasium 40 x 60 feet, rooms for fencing, boxing, and handball, two large dressing-rooms with 2000 steel lockers, and 32 shower-baths. Below the exercising room is the swimming pool, semicircular in shape; it measures 100 by 50 feet on its axes, and contains 200,000 gallons of water. The depth is from 4 to 10 feet. Around the pool are the dressing-rooms and 20 shower-, needle-, and tub-baths. On this floor is also a large room and two dressing-rooms equipped with shower-baths and lavatories, for the use of the various athletic teams.

The athletic field is equipped with a ¼ mile running track, baseball field, facilities for jumping, pole vaulting, putting the shot, etc., and eleven tennis courts.

The Gould Boat-house, located on the Hudson River, at the foot of 116th Street, is equipped with boats of all descriptions, lockers, baths, etc.

The Frederick Ferris Thompson Memorial Building, given to Teachers College by Mrs. F. F. Thompson, has been recently completed. It is a building of four stories devoted to the purposes of physical education and school hygiene. It contains offices, examination

rooms, lecture- and class-rooms, laboratories, handball courts, bowling alleys, a swimming pool, four gymnasiums, rooms for corrective exercises, dressing-rooms, shower-baths, fencing-room, and a suite of rooms for photographic purposes. This building provides physical-training facilities for the women, the pupils of the Horace Mann School, and the varied equipment for the theoretical and practical instruction of professional students in Physical Education.

The Gymnasium is open daily during the academic year, except on Sundays and legal holidays, from 8.30 A.M. to 6.30 P.M., Saturdays to 5 P.M. It is closed for the entire day only on Thanksgiving, Christmas, New Year's, and Good Friday. On all other holidays it is open from 2 to 6 P.M. One or more of the instructors are on the floor at all times when the Gymnasium is open.

A course in physical education is required of all Freshmen and Sophomores in Columbia College, and first- and second-year students in the Schools of Applied Science, except students holding degrees from other colleges. A physical examination is required of each student in these classes upon entrance and at the end of the second year, and of all other students taking part in athletics.

Every student is entitled to a physical examination by the Medical Director. On the basis of this examination advice is given as to the kind and amount of exercise best adapted to his needs.

Physics

WILLIAM HALLOCK, Ph.D. ..... *Professor*
MARGARET E. MALTBY, Ph.D. ..... *Professor* (*Barnard College*)
HERSCHEL C. PARKER, Ph.B. ..... *Professor*
[1] JOSEPH C. PFISTER, A.M. ..... *Professor*
ALBERT P. WILLS, Ph.D. ..... *Professor of Mathematical Physics*
GEORGE B. PEGRAM, Ph.D. ..... *Professor*
BERGEN DAVIS, Ph.D. ..... *Professor*
CHARLES H. BURNSIDE, A.M. ..... *Assistant Professor*
CHARLES C. TROWBRIDGE, M.S., Sc.D. ..... *Instructor*
LEIGHTON B. MORSE, Ph.D. ..... *Instructor*
HAROLD W. WEBB, Ph.D. ..... *Instructor*
GRACE LANGFORD, S.B. ..... *Tutor* (*Barnard College*)
HERMON W. FARWELL, A.M. ..... *Tutor*
CHARLES FORBES, B.S., M.D. ..... *Curator*
WILLIAM S. DAY, Ph.D. ..... *Lecturer*
HERBERT A. CLARK, B.S., A.M. ..... *Lecturer* (*Barnard College*)
WILLARD L. SEVERINGHAUS, A.M. ..... *Assistant*
LEON E. PENDER, A.M. ..... *Assistant*
WILLIAM S. NELMS, A.M. ..... *Assistant*

[1] Absent on leave 1910–11.

BURTON W. KENDALL, S.B. ..... *Assistant (Barnard College)*
GEORGE A. SCOTT ..... *Assistant*
J. C. HINES, JR. ..... *Assistant*
ANDREW W. JACKSON, A.M. ..... *Assistant*

Courses equivalent to **A, 11, 12, 13, 14, 41, 61, and 101** are given at Barnard College.

Courses

See introductory paragraphs, page 53

A—General elementary physics. *C* 3 hours and *L* 2 hours. Professor DAVIS, Mr. FARWELL, and Mr. PENDER

3–4—General physics. *C* 5 hours, first half-year. Professor WENDELL, lectures; Dr. MORSE, Mr. FARWELL, Mr. SEVERINGHAUS, Mr. NELMS, Mr. SCOTT, recitations.

11—Elementary mechanics. *C* 3 hours. Dr. WEBB

12—Properties of matter and heat. *C* 3 hours. Professor HALLOCK

41–42—Laboratory physics. *L* 2, 4, or 6 hours, in connection with **11** or **12**. Mr. FARWELL

13—Elementary electricity and magnetism. *C* 3 hours. Professor HALLOCK

14—Light and radiation. *C* 3 hours. Dr. MORSE

43–44—Intermediate laboratory course. *L* 6 hours. For Engineering students. Given each half-year. Dr. MORSE, Instructors, and Assistants

61–62—Laboratory physics. *L* 2, 4, or 6 hours, in connection with **13** or **14**. Mr. FARWELL

101—Electricity and magnetism. 3 hours. Professor DAVIS

102—Sound and theory of oscillations. 3 hours. Professor DAVIS

103—Light. 3 hours. Professor HALLOCK

105—Physical measurements. 2 hours. Professor HALLOCK

151–152—Advanced laboratory course. *C* 1 hour, *L* 4–16 hours. Dr. TROWBRIDGE

201—Discharge of electricity through gases. 2 hours. Professor DAVIS

205—Heat. 3 hours. Dr. DAY

206—Phenomena of radio-activity. 2 hours. Professor PEGRAM

210—The design and construction of apparatus. 1 hour. Professor HALLOCK

211—Phenomena of radiation. 2 hours. Dr. MORSE

271–272—Original research under the direction of professors.

Courses in Mathematical Physics

1—Elementary statics. 2 hours. Professors BURNSIDE, PEGRAM, HODGE and Dr. WEBB

102—Analytical mechanics. 5 hours. Professors BURNSIDE, PEGRAM, HODGE, and Dr. WEBB

103–104—Theoretical mechanics. 3 hours. Professor PEGRAM

105—Thermodynamics. 2 hours. Professor WILLS

107–108—Theory of electricity and magnetism. 2 hours first half-year, 3 hours second half-year. Professor WILLS

109—Theory of alternators, transformers, and motors. 4 hours. Professor PUPIN

110—Theory of variable currents. 2 hours. Professor PUPIN

201—Mechanics. 4 hours. Professor WILLS

202—Theory of elasticity. 4 hours. Professor WILLS

203—Theory of the potential function. 4 hours. Professor PUPIN

204—Hydrokinetics. 4 hours. Professor WILLS

205—Electricity and magnetism. 4 hours. Professor PUPIN

206—Theory of electrical circuits. 4 hours. Professor PUPIN

207—Theory of sound. 4 hours. Professor PEGRAM

210—Theory of light. 3 hours. Professor HALLOCK

211–212—Partial differential equations of physics. 4 hours. Professor WILLS

213–214—Thermodynamics and kinetic theory of gases. 4 hours. Professor WILLS

215—Vector analysis. 2 hours. Professor WILLS

251—Celestial mechanics, elementary course. 2 hours. Professor POOR

252—Celestial mechanics, advanced course. 2 hours. Professor POOR

253—Tides and tidal currents, their causes and characteristics. 2 hours. Professor POOR

The advanced courses offered in mathematical physics are not all given in the same year.

Journal Club—The Journal Club of the Department meets every week for the discussion of the current literature of physics, and for reports of special investigations.

Equipment

The laboratories and lecture-rooms of the Department of Physics are in Fayerweather Hall on the eastern side of the University grounds. The building is supplied with the usual general equipment of a physical laboratory. Gas, water, compressed air, and direct, alternating, and

storage battery current for light, power, and experimental use is available throughout the laboratories.

The elementary laboratory for students in Columbia College is on the second floor. The two laboratories for the students in the School of Mines, Engineering, and Chemistry are on the basement floor. These undergraduate laboratories have been supplied with much new apparatus in the last three years. More advanced laboratory work, especially for first-year graduate students, is provided for in rooms on the basement and second floors.

The laboratories used for research work have been named by the Trustees the "Phoenix Physical Laboratories," in memory of Mr. Stephen Whitney Phoenix, who bequeathed to the University a generous sum as an endowment for research in the physical sciences. On account of this endowment unusual facilities are offered for research in physics. Since 1903 the Department has been receiving sufficient appropriation from the income of the Phoenix fund to make extensive additions to its stock of apparatus. At present the Department is able to supply or purchase the apparatus necessary for any approved investigation that does not involve an extraordinary outlay. In addition to the supply from the Phoenix fund, the Department has received considerable gifts of apparatus in the last five years, among which may be mentioned the physical apparatus of the late Ernest Kempton Adams, and a high potential, 7000 volts, generating set complete, from Dr. Peter Cooper Hewitt.

The Department employs two mechanics and a laboratory helper. The shops are well equipped with tools and machines.

The physical laboratories at Barnard occupy the second floor and part of the basement of Fiske Hall. They are well equipped laboratories for quantitative experimental work in the courses offered.

The physics laboratories and lecture-room of Teachers College are especially well equipped for illustrating the teaching of physics in secondary and normal schools.

Physiology

FREDERIC SCHILLER LEE, Ph.D. ..... *Professor*
RUSSELL BURTON-OPITZ, M.D., Ph.D. ..... *Associate Professor*
HAVEN EMERSON, A.M., M.D. ..... *Demonstrator*
LEANDER HOWARD SHEARER, M.D. ..... *Demonstrator*
ARTHUR WALKER BINGHAM, M.D. ..... *Demonstrator*
HARRY MAYHAM KEATOR, M.D. ..... *Demonstrator*
RALPH G. STILLMAN, M.D. ..... *Demonstrator*
WILLIAM KENNY TERRIBERRY, M.D. ..... *Demonstrator*

Courses

(The courses in this department are open to women during the Summer Session.)

See introductory paragraphs, page 53

1–2—Elementary physiology. 1 hour lecture, and 2 hours' laboratory work. Professor BURTON-OPITZ

101–102—General physiology. 1 hour. Professor LEE

103–104—Laboratory course in general physiology. 5 hours. Professor BURTON-OPITZ

105—Laboratory course in special physiology. 3 hours. Professor BURTON-OPITZ

106–107—The physiology of man as related to that of other mammals and of lower vertebrates. Lectures and demonstrations, 4 hours. Recitations, 2 hours. Laboratory work, 3 hours. Professor BURTON-OPITZ and Demonstrators

201—Experimental medicine. Ten demonstrations of two hours' duration each. Dr. EMERSON

202—Methods of registration. Five exercises of two hours' duration each. Professor BURTON-OPITZ

Research

The laboratory is open for research, under the direction of its officers, to advanced workers.

Seminar

The members of the teaching staff and investigators in the department meet monthly to discuss recent advances in Physiology.

Equipment

The Department of Physiology possesses:

I—At the College of Physicians and Surgeons: (1) A laboratory for research and the preparing of demonstrations. (2) A small laboratory for histological research with special reference to physiological problems. (3) Two rooms for optical or psychological work or for photography. (4) Two private laboratories for professors of the department. (5) Two laboratories for practical instruction. (6) A room for recitations and for lectures and demonstrations to limited classes. (7) Easy access to a large lecture-room specially fitted for experimental teaching. (8) The Swift Physiological Cabinet, for the accommodation of a specially endowed and very full collection of apparatus of precision, mainly for research.

II—In Schermerhorn Hall: The use of a laboratory equipped for the instruction of undergraduates.

The physiological journals are accessible to the students of the department; also the most important monographs and other books, both modern and ancient.

Political Economy and Finance

(See page 89)

Political Philosophy

(See page 112)

Politics

(See page 119)

Practice of Medicine

THEODORE C. JANEWAY, M.D. . . *Bard Professor of the Practice of Medicine*
WALTER B. JAMES, M.D., LL.D. . . . . *Professor of Clinical Medicine*
FRANK W. JACKSON, M.D. . . . . *Professor of Clinical Medicine*
GEORGE ROE LOCKWOOD, M.D. . . . . *Professor of Clinical Medicine*
WILLIAM K. DRAPER, M.D. . . . . *Professor of Clinical Medicine*
VAN HORNE NORRIE, M.D. . . . . *Professor of Clinical Medicine*
EVAN M. EVANS, M.D. . . . . *Professor of Clinical Medicine*
FRANCIS P. KINNICUTT, M.D. . . . . *Professor of Clinical Medicine*
JOHN SEYMOUR THACHER, M.D. . . . . *Professor of Clinical Medicine*
FRANCIS HUBER, M.D. . . . . *Professor of Clinical Medicine*
JACOB KAUFMANN, M.D. . . . . *Professor of Clinical Medicine*
NORBERT STADTMÜLLER, M.D. . . . . *Professor of Clinical Medicine*
NATHAN E. BRILL, M.D. . . . . *Professor of Clinical Medicine*
EMANUEL LIBMAN, M.D. . . . . *Professor of Clinical Medicine*
JAMES A. MILLER, M.D. . . . . *Assistant Professor of Clinical Medicine*
DAVID BOVAIRD, M.D. . . . . *Assistant Professor of Clinical Medicine*
C. N. B. CAMAC, M.D. . . . . *Assistant Professor of Clinical Medicine*
NATHANIEL B. POTTER, M.D. . . . *Assistant Professor of Clinical Medicine*
LINSLY R. WILLIAMS, M.D. . . . . *Associate*
GEORGE MONTAGUE SWIFT, M.D. . . . . *Associate*
T. STUART HART, M.D. . . . . *Associate*
LEWIS F. FRISSELL, M.D. . . . . *Associate*
AUSTIN W. HOLLIS, M.D. . . . . *Associate*
ALBERT E. SUMNER, M.D. . . . . *Associate*
HERBERT SWIFT CARTER, M.D. . . . . *Associate*
HAVEN EMERSON, A.M., M.D. . . . . *Instructor*
OTTO M. SCHWERDTFEGER, M.D. . . . . *Instructor*
HERMAN O. MOSENTHAL, M.D. . . . . *Instructor*
LEANDER H. SHEARER, M.D. . . . . *Instructor*
ISAAC OGDEN WOODRUFF, M.D. . . . . *Instructor*
HOWARD H. MASON, M.D. . . . . *Chief of Clinic and Instructor*
WILLIAM W. HERRICK, M.D. . . . . *Chief of Clinic and Instructor*
OTTO HENSEL, M.D. . . . . *Instructor*
FREDERICK J. BARRETT, M.D. . . . . *Assistant*

Edwards A. Park, M.D. ..... *Assistant*
Robert G. Snyder, M.D. ..... *Assistant*
Henry C. Thacher, M.D. ..... *Assistant*
Arthur W. Swann, M.D. ..... *Assistant*
Henry James, M.D. ..... *Assistant*

Chiefs of Clinics and Clinical Assistants at the Vanderbilt Clinic

Howard H. Mason, M.D. ..... *Chief of Clinic*
William W. Herrick, M.D. ..... *Chief of Clinic*

D. Clifford Martin, M.D.
Arthur M. Jacobus, M.D.
David S. Likely, M.D.
Morris D. Keller, M.D.
Julius W. Weinstein, M.D.
J. W. Dounce, M.D.
Edwards A. Park, M.D.
John McCabe, M.D.
Arthur W. Swann, M.D.
Herman O. Mosenthal, M.D.
Alfred C. Henderson, M.D.
W. Heminway Merriman, M.D.
H. Austin Cossitt, M.D.
Archibald McI. Strong, M.D.
George Lichtenstein, M.D.
Henry Craig Fleming, M.D.
Henry C. Thacher, M.D.
Henry James, M.D.

E. Garnsey Brownell, M. D.

Courses

See introductory paragraphs, page 53

Courses **51, 52,** and **54** are required in the second year of candidates for the degree of M.D.; Courses **55-56, 57, 58, 59, 60, 61-62, 63-64, 65-66,** and **67-68** or **69-70** in the third year; Courses **71-72, 73-74, 75-76, 77-78, 79-80,** and one of the following: **87-88, 89-90, 91-92, 93-94,** or **95-96** in the fourth year.

Optional—In the fourth year Course **85.** Courses **81-82** and **83-84** are optional for sections taking Course **75-76.**

51—Physical Diagnosis—Lecture demonstrations, 1 hour a week, November 1 to February 1. Professor Janeway and Dr. Herrick

52—Physical Diagnosis—Practical instruction at the Vanderbilt Clinic, to sections of the class, 2 hours twice a week for five weeks to each student in the second half-year. Dr. Emerson and Assistants

54—Elementary Medical Clinic—At the Vanderbilt Clinic, 2 hours, once a week for the second half-year. Professor Janeway and Dr. Emerson

55–56—Theoretical Lecture—1 a week. Professor Janeway

57—Clinical Lecture on General Medicine—At the Vanderbilt Clinic, 1 hour. Professor Janeway

58—Clinical Lecture on General Medicine—At the Vanderbilt Clinic, 1 hour. Professor Evans

59—Clinical Lecture on General Medicine—At the City Hospital, 1½ hours. Professor EVANS

60—Clinical Lecture on General Medicine—At the City Hospital, 1½ hours. Professor JANEWAY

61–62—Physical and Medical Diagnosis—Practical instruction at the Vanderbilt Clinic and the Out-patient Departments of Presbyterian and Bellevue Hospitals, to sections of the class, 1 lesson a week throughout the year, 48 hours for each student. Drs. HART, FRISSELL, CARTER, and SHEARER

63–64—Clinical Instruction—At the Vanderbilt Clinic, to sections of the class, 2 hours a week for four weeks. Drs. HERRICK and MASON

65–66—Clinical Instruction—At the City Hospital to sections of the class, 2 hours a week for four weeks. Dr. WILLIAMS.

67–68—Recitations in General Medicine—To sections of the class, 2 hours a week for each student. Dr. FRISSELL

69–70—Recitations in General Medicine—To sections of the class, 2 hours a week for each student. Dr. HERRICK

71–72—Clinical Lecture on General Medicine—At the Roosevelt Hospital, 1 hour. Professors EVANS, JACKSON, and THACHER, and Dr. SUMNER

73–74—Bedside Instruction—In the wards of Roosevelt Hospital, to sections of the class, 6 hours a week for four weeks. Professors EVANS, JACKSON, and THACHER

75–76—Clinical and Pathological Conference—In the Russell Sage Institute of Pathology, City Hospital, to sections of the class, 2 hours once a week for twelve weeks. Professor JANEWAY and Dr. SNYDER

77–78—Hospital Clinic in General Medicine—Gouverneur Hospital, Wed. at 3.30 P.M., to sections of the class, 1 clinic a week for four weeks. Professor HUBER

79–80—Clinical Instruction—Wed. at 3.15 P.M., in the wards of St. Mary's Free Hospital for Children, to sections of the class, 1 a week for four weeks. Dr. SWIFT

81–82—Clinical Instruction—Sat. at 9 A.M., in the wards of the City Hospital, to sections of the class, 1 a week for eight weeks. Dr. POTTER

83–84—Clinical Instruction—Sat. at 9 A.M., in the wards of the City Hospital, to sections of the class, 1 a week for eight weeks. Dr. CAMAC

85—Recitations in General Medicine—To sections of the class, 2 hours a week for the first half-year. Dr. MOSENTHAL

87–88—Clinical Clerkships—For particulars see page 231. In the wards of St. Luke's Hospital, 9 A.M. to 5 P.M. daily except Thursdays, for two months. Professors LAMBERT, JANEWAY, and NORRIE, and Dr. HOLLIS

89–90—In the wards of Bellevue Hospital. Professors LOCKWOOD, DRAPER, NORRIE, MILLER, and Dr. WOODRUFF

91–92—In the wards of the German Hospital. Professors KAUFMAN, STADTMÜLLER, and DENIG, and Drs. SCHWERDTFEGER and HENSEL

93–94—In the wards of the Presbyterian Hospital, Professors JAMES, KINNICUTT, and THACHER, and Dr. BOVAIRD

95–96—In the wards of Mt. Sinai Hospital. Professors BRILL and LIBMAN

202—Special Course in Pulmonary Tuberculosis—This course, consisting of 12 clinical lectures combined with practical instruction, offers an opportunity for a limited number of graduates in medicine to study the special diagnosis and treatment of pulmonary tuberculosis. At the Bellevue Tuberculosis Clinic, Mon., Wed., and Fri., 2 to 4 P.M., during May. Professor MILLER

Psychology

(See page 147)

Public Law and Jurisprudence

(See page 119)

Religion

In addition to courses offered in conjunction with the Union and General Theological Seminaries, the following courses in Theology and Religion are given in Columbia College.

See introductory paragraphs, page 53

1–2—Introduction to the Study of the Bible. Lectures, discussions, and essays. 2 hours. Chaplain KNOX

3–4—Fundamentals of Religion. An introduction to the psychological and comparative study of religion. 3 hours. Professor GEORGE WILLIAM KNOX of Union Theological Seminary

Rhetoric and English Composition

(See page 96)

Romance Languages and Literatures

ADOLPHE COHN, LL.B., A.M.....*Professor*
[1] HENRY ALFRED TODD, Ph.D.....*Professor of Romance Philology*

[1] Absent on leave second half-year.

Carlo Leonardo Speranza, J.D., A.M. ..... *Professor of Italian*
Louis Auguste Loiseaux, B.S. ..... *Assistant Professor*
Daniel Jordan, B.S., Pd.B. ..... *Assistant Professor*
Raymond Weeks, Ph.D. ..... *Professor*
John Lawrence Gerig, Ph.D. ..... *Assistant Professor*
Camille Fontaine, B. ès L. ..... *Assistant Professor*
Henri François Muller, B. ès L. ..... *Instructor*
Dino Bigongiari, A.B. ..... *Instructor*
Edouard Joseph Fortier, A.B. ..... *Instructor*

See introductory paragraphs, page 53

For courses under 100 there is a special numbering under French, Italian, and Spanish respectively. Courses above 100 are all numbered under the general heading Romance Languages and Literatures.

Courses in French

***A1–A2**—Elementary course. 3 hours. Columbia College, Professors Cohn and Weeks and Mr. Fortier. Barnard College, Mr. Muller, Professor Gerig, and Mr. Weeks

***B1–B2**—Grammar, reading, and composition. 3 hours. Columbia College, Professor Weeks and Mr. Fortier. Barnard College, Mr. Muller and Mr. Bigongiari

B4—Grammar, reading, and composition. 5 hours, second half-year. Professor Fontaine

C1–C2—Elementary course for graduate students. 2 hours. Professor Jordan

***1–2**—Introduction to the study of French literature. 3 hours. Columbia College, Professor Fontaine. Barnard College, Mr. Muller and Professor Fontaine

3—French composition and conversation based on French history. 3 hours, first half-year. Columbia College, Professor Jordan

3–4—Modern prose writers, especially the historians. 3 hours. Barnard College, Professor Jordan

4—Composition and conversation based upon scientific French. 3 hours, second half-year. Columbia College, Professor Jordan

***5–6**—History of French literature in the seventeenth century. 3 hours. Columbia College, Professor Loiseaux. Barnard College, Professor Weeks

***9–10**—Composition. 1 hour. Columbia College, Professor Jordan. Barnard College, Mr. Muller

***11–12**—Advanced composition and conversation. 1 hour. Professor Jordan

* Starred courses are given in both Columbia College and Barnard College.

21–22—Advanced grammar and composition. 3 hours. Teachers College, Professor COHN

101–102—History of French literature in the seventeenth century. 3 hours and special research. Professors WEEKS and LOISEAUX

103–104—History of French literature in the eighteenth century. 3 hours. Professor LOISEAUX

105–106—History of French literature in the nineteenth century. 3 hours. Professor WEEKS

111–112—French literature of the sixteenth century. 2 hours. Professor GERIG

113–114—Old French. Reading and discussion of selected extracts and of complete texts. 2 hours. Professors TODD and WEEKS

121–122—Identical with Education 165–166 (see below).

205–206—Special topics in seventeenth-century French literature. 2 hours. Professor COHN

[207–208—Special topics in eighteenth-century French literature. 2 hours. Professor COHN]

209–210—Special topics in sixteenth-century French literature. 2 hours. Professor GERIG

[215–216—Special topics in nineteenth-century French literature. 2 hours. Professor WEEKS]

Education 165–166—Methods of teaching French in secondary schools. 2 hours. Teachers College, Professor COHN

301–302—Seminar—Special topics in Romance literature. Subject for 1910–11: Literary criticism in France, from the beginning of the nineteenth century to the inception of Sainte-Beuve's "Lundis." 2 hours. Professor COHN

Courses in Italian

*1–2—Elementary course—Grammar, reading, and composition. 3 hours. Columbia College, Mr. BIGONGIARI. Barnard College, Professor SPERANZA

*3–4—General introduction to the study of Italian literature. Composition. 3 hours. Columbia College, Professor SPERANZA. Barnard College, Mr. BIGONGIARI

[131–132—Italian literature of the fourteenth and fifteenth centuries exclusive of the *Divina Commedia*. Composition. 3 hours. Mr. BIGONGIARI]

133–134—Italian literature of the sixteenth century. Composition. 3 hours. Mr. BIGONGIARI

* Starred courses are given in both Columbia College and Barnard College.

[135–136—Critical study of Dante's *Divina Commedia.* First part. 2 hours. Professor SPERANZA]

137–138—Critical study of Dante's *Divina Commedia.* Second part. 2 hours. Professor SPERANZA

231–232—Italian literature of the second half of the eighteenth century and of the nineteenth century. 3 hours. Professor SPERANZA

Courses in Spanish

*1–2—Elementary course. 3 hours. Mr. FORTIER

*3–4—General introduction to Spanish literature. Composition. 3 hours. Professor LOISEAUX

[11–12—Spanish conversation. 1 hour. Professor LOISEAUX]

141–142—The novela of the golden age. 3 hours. Professor LOISEAUX

[143–144—The Spanish classical drama. 3 hours. Professor LOISEAUX]

Courses in Romance Philology

151–152—Introduction to Romance philology. 2 hours. Professor TODD

153–154—Medieval French literature. The Epic. 2 hours. Professor WEEKS

[251–252—The formative elements of the French language. 1 hour. Professor TODD]

253—Oldest monuments of the French language. 2 hours, first half-year. Professor TODD

[255–256—Old French dialects. 1 hour. Professor TODD]

257—Old Provençal. 2 hours, first half-year. Professor TODD

271–272—Portuguese. 2 hours. Professor TODD

273–274—Rumanian. 2 hours. Professor COHN

303–304—Seminar—Presentation and discussion of doctoral dissertation work. 2 hours. Professors TODD, WEEKS, and GERIG

Courses in Phonetics

275—Phonetics as mainly relating to Romance languages. 2 hours. First half-year. Professor WEEKS

Public Lectures

Weekly lectures in French, and occasional lectures in Italian and Spanish, open to all members of the University, are given by the members of the department and by invited lecturers.

* Starred courses are given in both Columbia College and Barnard College.

The Romance Club

The Romance Club consists of all the instructors and advanced students in the department. At its meetings, which are partly of a social character, an account is given of the most important articles on the Romance languages and literatures in the recent French, English, German, Italian, and Spanish periodicals; new books are discussed, letters from absent instructors and former students in the department are read, etc.

Equipment

The Library of Columbia University is well supplied with French, Spanish, and Italian works, as well as with works upon Romance philology. Its list of periodicals of interest for students in the department is especially rich. The Library has also complete sets of the most important series and collections, such as the *Altfranzösische Bibliothek*, *Romanische Bibliothek*, publications of the Modern Language Association, publications of the Société des anciens Textes français, *Histoire littéraire de la France*, *Ausgaben und Abhandlungen aus dem Gebiete der romanische Philologie*, *Jahrbuch für romanische und englische sprachen*, etc.

An important addition to the equipment of the department consists of the library of the Hispanic Society of America, 153d Street and Audubon Park, the work of which is conducted in agreement with the Romance department.

Co-operation with the Alliance Française

Elementary evening classes in French are conducted in co-operating with the Alliance Française.

French Societies

Two societies have been organized for the purpose of fostering the use of the French language among the members of the University, viz., the Société Française de l'Université Columbia, which admits only men, and the Société Française de Barnard College, which admits only women. They give performances of French plays. The following plays have been presented in recent years: Scribe and Legouvé, *Bataille de Dames;* Meilhac and Halévy, *L' Eté de la Saint Martin;* Eugène Labiche, *Le Voyage de M. Perrichon*, *Un Monsieur qui prend la mouche; Le Point de Mire;* Molière, *Le Médecin malgré lui*, *Les Fourberies de Scapin*, etc.

Shopwork

Offered by the School of Industrial Arts at Teachers College

CHARLES CONRAD SLEFFEL.....*Instructor*
CHARLES WILLIAM WEICK, B.S.....*Instructor*

JOHN ROSS.....*Shop Assistant*
JOHN JOE WALSH.....*Shop Assistant*

1—Wood-turning and pattern making. 2 afternoons, first term. Mr. Ross

Shopwork, demonstrations, and shop visits. The construction of typical patterns and core boxes, solid, split, and piece, involving the use of bench tools and turning lathe. Mechanical engineering, second year.

2—Molding and foundry practice. 1 afternoon, second term. Mr. SLEFFEL

Shopwork, demonstrations, and shop visits. Bench molding with type patterns, swept work in green sand and loam and molding in dry sand. Mechanical engineering. Second year.

10S—Machine work. Mr. WALSH

As below. Mechanical engineering. Section I, three weeks in June; Section II, three weeks in September. Second year.

11—Machine work. 2 afternoons, first term, third year. Mr. WALSH

Shopwork, demonstrations and shop visits. Practical work with the lathe, planer, drill, shaper, milling machine, grinder and turret lathe. Assembling, erection, and rigger's work. Mechanical engineering.

12—Forging. 2 afternoons, second term. Mr. SLEFFEL

Shopwork, demonstrations, and shop visits. Management of fire, shaping, drawing, upsetting, swaging, welding, tempering, and die-forging. Work on drop and helve hammers. Mechanical engineering. Second year.

13–14—Machine work. 1 afternoon. Mr. WALSH

As above. Electrical engineering. Second year.

15—Forging and foundry practice. 1 afternoon, first term. Mr. SLEFFEL

As above. Civil Engineering. Second year.

16—Machine work. 1 afternoon, second term. Mr. WALSH

As above. Civil Engineering. Second year.

18S—Pattern-making, forging, and machine work. Three weeks in June. Mr. WEICK, Mr. SLEFFEL, and Mr. WALSH

As above. Chemical Engineering. Second year.

Social Economy

See page 89

Sociology and Statistics

See page 89

Surgery

Joseph A. Blake, M.D. ..... *Professor*
George E. Brewer, M.D. ..... *Professor*
Lucius W. Hotchkiss, M.D. ..... *Adjunct Professor*
John B. Walker, M.D. ..... *Adjunct Professor*
Charles N. Dowd, M.D. ..... *Adjunct Professor*
Charles H. Peck, M.D. ..... *Adjunct Professor*
Frank Hartley, M.D. ..... *Professor*
Alexander B. Johnson, M.D. ..... *Professor*
Otto G. T. Kiliani, M.D. ..... *Professor*
Charles T. Poore, M.D. ..... *Associate*
Robert Abbe, M.D. ..... *Associate*
William C. Clarke, M.D. ..... *Associate*
Frederick T. Van Beuren, M.D. ..... *Chief of Clinic and Instructor*
Walton Martin, M.D. ..... *Instructor*
A. Emil Schmitt, M.D. ..... *Instructor*
Clarence A. McWilliams, M.D. ..... *Instructor*
Adrian V. S. Lambert, M.D. ..... *Instructor*
Eugene H. Poole, M.D. ..... *Instructor*
Percy R. Turnure, M.D. ..... *Instructor*
Rowland Cox, Jr., M.D. ..... *Instructor*
James H. Kenyon, M.D. ..... *Instructor*
Howard D. Collins, M.D. ..... *Instructor*
James I. Russell, M.D. ..... *Instructor*
Arthur S. Vosburgh, M.D. ..... *Instructor*
Karl Albert Connell, M.D ..... *Instructor*
William Darrach, M.D. ..... *Instructor*
Hugh Auchincloss, M.D ..... *Instructor*
Henry H. Janeway, M.D ..... *Instructor*
Hermann Fischer, M.D. ..... *Instructor*
DeWitt Stetten, M.D. ..... *Instructor*
H. H. M. Lyle, M.D. ..... *Instructor*
Ransom S. Hooker, M.D. ..... *Assistant*
James R. Whiting, M.D. ..... *Assistant*
Allen O. Whipple, M.D. ..... *Instructor*
Kirby Dwight, M.D. ..... *Assistant*

Clinical Assistants

Noel B. Leggett, M.D.
James R. Whiting, M.D.
Rolfe Kingsley, M.D.
Gouverneur M. Phelps, M.D.

Robert F. Weir, M.D. ..... *Emeritus Professor of Clinical Surgery*
Charles McBurney, M.D. ..... *Emeritus Professor of Clinical Surgery*

Courses

See introductory paragraphs, page 53

For Courses in Genito-Urinary Diseases see under Clinical Instruction, page 83

51–52—Surgical pathology and general regional surgery—1 lecture a week. Professor BLAKE

53–54—Clinic in general surgery—At the Vanderbilt Clinic, 1 a week. Professor BLAKE

55–56—Clinic in general surgery—At Presbyterian Hospital, 1 a week, second half-year. Professor BLAKE: At Roosevelt Hospital, first half-year. Dr. PECK

57–58—Clinic in general surgery—At the Vanderbilt Clinic, 1 a week. Professor BREWER

59–60—Clinic in general surgery—At Roosevelt Hospital, 1 a week. Professor BREWER

61–62—Operative surgery on the cadaver—10–12 lessons for each student. Drs. MARTIN, SCHMIDT, COX, and KENYON

63–64—Practical instruction in surgery—In the wards of Roosevelt Hospital, 10 hours a week for eight weeks. Drs. LAMBERT and DARRACH

65–66—Practical instruction in surgery—In the wards of Bellevue Hospital, 10 hours a week for eight weeks. Drs. HOTCHKISS and WALKER

67–68—Practical instruction in surgery—In the wards of the Presbyterian Hospital, 10 hours a week for eight weeks. Professor BLAKE, Dr. MCWILLIAMS, and Dr. WHIPPLE

69–70—Practical instruction in surgery—In the wards of the City Hospital, 6 hours a week for four weeks. Dr. COLLINS

71–72—Practical instruction in surgery—At the Vanderbilt Clinic, 10 hours a week for eight weeks. Drs. VAN BEUREN and WHITING

73–74—Practical instruction—At the Roosevelt Hospital, 1 a week for four weeks. Professor BREWER

75–76—Practical instruction—At St. Mary's Free Hospital for Children. 1 exercise a week for four weeks. Dr. DOWD

79–80—Minor surgery and bandaging—Practical instruction at the Vanderbilt Clinic, 48 lessons for each student. Dr. VAN BEUREN

81–82—Minor surgery and bandaging—Practical instruction at the Roosevelt Hospital Out-patient Department. 48 lessons for each student. Dr. RUSSELL

83–84—Recitations in general and regional surgery—2 recitations a week during the year. Dr. VOSBURGH

85–86—Recitations in general and regional surgery—2 recitations a week during the year. Dr. CONNELL

87–88—Practical instruction in surgical technic in the laboratory for surgical research—4 hours a week for four weeks. Dr. JANEWAY

89–90—Recitations in surgical pathology—3 recitations a week. Dr. CLARKE

91–92—Hospital Clinics—*Optional:*

New York Hospital—1 a week. Professor HARTLEY or JOHNSON

St. Luke's Hospital—1 a week. Dr. ABBE

Hospital for the Ruptured and Crippled—2 a week, Professor GIBNEY and Dr. WALKER; 2 a week, Professor WHITMAN

St. Mary's Free Hospital for Children—1 a week, Professor POORE; 1 a week, Dr. DOWD

General Memorial Hospital—2 a week. Dr. DOWD

201—Experimental Medicine—A series of demonstrations given in co-operation with the departments of Physiology, Bacteriology, and Pharmacology. The subjects dealt with by this department are in detail as follows: The surgery of the chest with special reference to the practicability of the positive pressure method and the technic of œsophageal and pulmonary resections; cranial cavity; the digestive tract with special reference to the disturbances of metabolism following certain operations upon the intestine and stomach; the ductless glands with special reference to the parathyroids. This work is done under the strictest aseptic measures and technic is an important factor. Eight demonstrations of two hours each during the first half-year. Dr. JANEWAY

Zoölogy

EDMUND B. WILSON, Ph.D., LL.D., Sc.D., M.D. (Hon.).....*Professor*
HENRY F. OSBORN, Sc.D., LL.D.....*Da Costa Professor*
BASHFORD DEAN, Ph.D.....*Professor of Vertebrate Zoölogy*
HENRY E. CRAMPTON, Ph.D...*Professor of Zoölogy in Barnard College*
GARY N. CALKINS, Ph.D.....*Professor of Protozoölogy*
MAURICE A. BIGELOW, Ph.D.....*Professor of Biology in Teachers College*
THOMAS H. MORGAN, Ph.D.....*Professor of Experimental Zoölogy*
JAMES H. MCGREGOR, Ph.D.....*Assistant Professor of Zoölogy*
RAYMOND C. OSBURN, Ph.D.....*Assistant Professor in Barnard College*
PAULINE H. DEDERER, A.M.....*Instructor in Barnard College*
LOUISE H. GREGORY, Ph.D.....*Instructor in Barnard College*
WILLIAM K. GREGORY, Ph.D.....*Lecturer*
A. FRANKLIN SHULL, A.B.....*Assistant*
CHARLES PACKARD, M.S.....*Assistant*

Of the following courses 1–2, 3–4, 5, 91–92, and 101–102 are given separately at Barnard College, 151–152 only at Barnard.

For courses given at Teachers College see the current *Announcement* of Teachers College.

Courses

See introductory paragraphs, page 53

1–2—Elementary biology, zoölogy, general principles of biology. Prerequisite, Science A or elementary chemistry or physics. *C* 2 hours, *L* 4 hours. Professors CALKINS, DEAN, and MCGREGOR

[1—General biology and invertebrate zoölogy. Professors CALKINS and MCGREGOR]

[2—Evolution and vertebrate zoölogy. Professors DEAN and MCGREGOR]

(Course 3–4 may with advantage be taken with 1–2 to form a more comprehensive course. It may be taken only in connection with or subsequent to 1–2)

3–4—General histology. *C* 1 hour, *L* 2 hours. Professor MCGREGOR. General embryology. *C* 1 hour, *L* 2 hours. Professor MORGAN

[5—General biology. 3 hours (one afternoon) of lectures, conferences, and laboratory work. Professor WILSON]

91–92—General zoölogy (to follow 1–2). Professor MCGREGOR

[91—Invertebrates. *C* 3 hours, *L* 6 hours]

[92—Vertebrates. *C* 3 hours, *L* 6 hours]

94—Embryology of vertebrates. *C* 1 hour, *L* 2 hours. Professor MCGREGOR. Prerequisite 1–4

101–102—General zoölogy. *C* 3 hours, *L* 6 hours, and assigned work. Professor MCGREGOR

110—The parasitic protozoa. *C* 1 hour, *L* 5 hours. Professor CALKINS

151–152—General physiology (for women). *C* 2 hours, *L* 4 hours. Professor OSBURN and Miss GREGORY

201—Special topics in invertebrate zoölogy. Two days. Professor WILSON

203–204—Mammals, living and fossil—Lectures and laboratory course. 6 hours (one day). Dr. GREGORY. The latter part of this course is given in the American Museum of Natural History.

207—Zoölogical research. Individual study of special biological problems.

208–209—Comparative embryology. One day. Professors DEAN and CALKINS

212—The experimental study of evolution, with special reference to statistical work. One day. Professor CRAMPTON

213—Experimental study of reflex action and tropisms. 1 hour, with demonstrations and opportunities for laboratory work. Professor MORGAN

214—Experimental study of instincts. One hour. Professor MORGAN

215–216—Experimental zoölogy. 1 hour with laboratory work on special problems. Professor MORGAN

217—Experimental study of regeneration. 1 hour. Professor MORGAN

218—Experimental embryology, parallel to 220. 1 hour. Professor MORGAN

220—Cellular embryology. One hour. Professor WILSON

221–222—Protozoölogy. *C* 1 hour, *L* 5 hours. Professor CALKINS

223–224—Evolution of the vertebrates. One day. Professor OSBORN and Mr. GREGORY

225–226—Cellular biology—General structure and functions of the cell. *C* 1 hour, *L* 5 hours. Professor WILSON

228—Fishes, living and fossil. *C* 1 hour, *L* 2 hours. Professor DEAN

JOURNAL CLUB—Reports and discussions of recent literature by members of the staff, graduate students, and others. 1 hour a week throughout the year. Under direction of the staff.

SEMINAR—Critical discussion of selected topics by members of the staff and graduate students. Subject and time are specially arranged.

UNIVERSITY BIOLOGICAL LECTURES—A course of lectures on general topics, given from time to time by members of the staff and eminent specialists from other institutions. These lectures form the basis of the Columbia Biological Series, edited by Professors OSBORN and WILSON

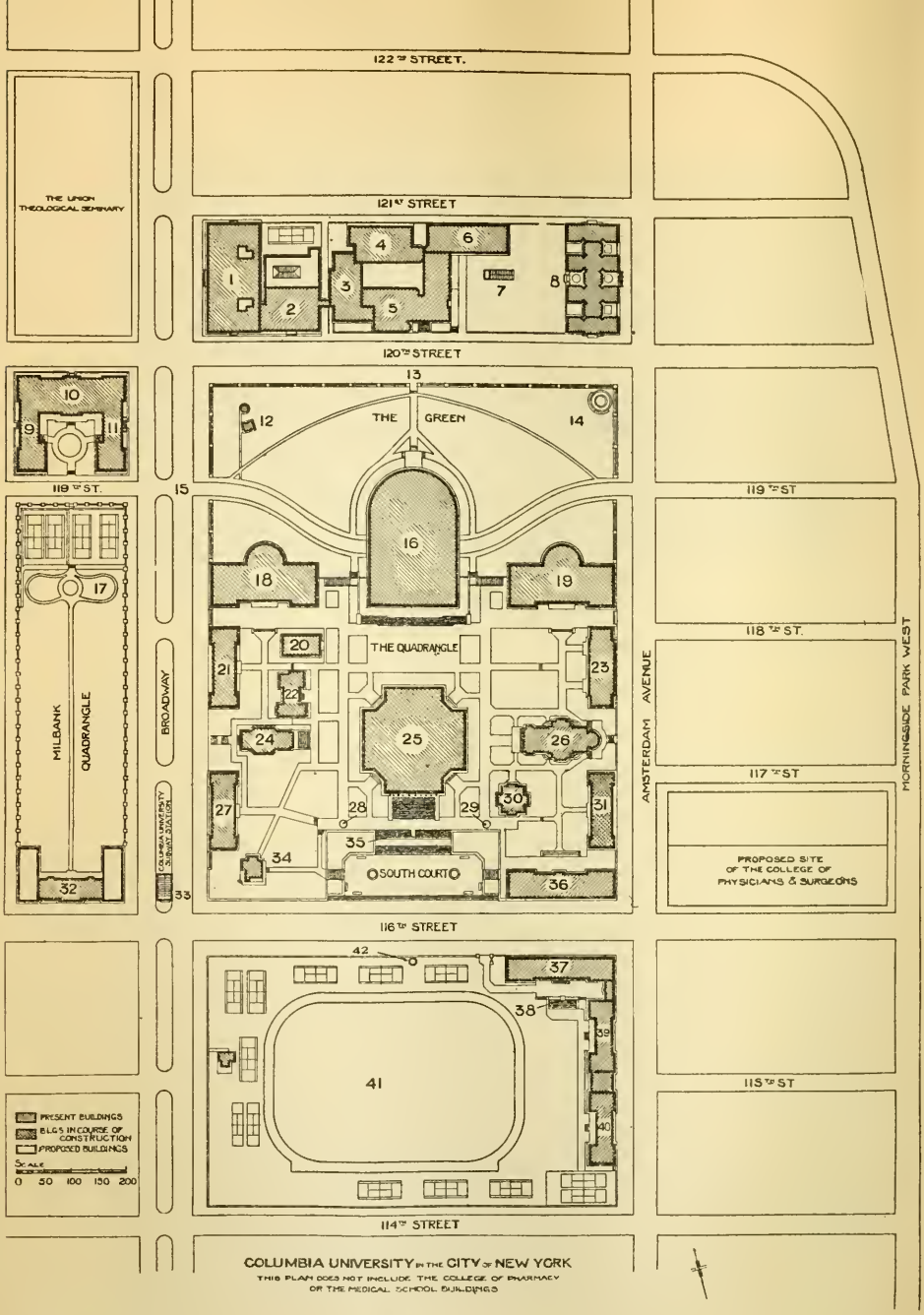
Laboratories, Libraries, and Equipment

The zoölogical laboratories on the upper floor of Schermerhorn comprise a large general undergraduate laboratory, three graduate laboratories, and eight rooms for private research, besides special rooms for supplies, aquaria, and preparation. There are also a commodious lecture-room, a library, and a seminar-room. The laboratories are well equipped with optical instruments, microtomes, and other apparatus for advanced work. The teaching collections include a series of the Mediterranean and American marine types, and the injected vertebrate series of Fric and Muller, a set of standard

and specially prepared charts and wax models, and a variety of living animals and plants contained in fresh-water and marine aquaria.

The departmental library, a part of the University Library kept in the laboratory, the gift of Charles H. Senff, Esq., is a memorial to the late Dr. John I. Northrop. It embraces sets of the standard biological works and includes the journals and a rapidly increasing collection of special monographs. A fund is available for the purchase of literature needed in connection with the special researches of students.

Important adjuncts to zoölogical work are offered by the American Museum of Natural History, the Bronx Zoölogical Garden, the New York Aquarium, and by the marine biological laboratories to which the University contributes support. Several investigators' tables are held at the Wood's Hole laboratory, one at the South Harpswell Laboratory, and the John D. Jones scholarship is available at the Cold Spring Harbor laboratory. A table at the Naples Zoölogical Station is also supported by the University.



COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

THIS PLAN DOES NOT INCLUDE THE COLLEGE OF PHARMACY OR THE MEDICAL SCHOOL BUILDINGS

1. Horace Mann Schools
2. Thompson Memorial Building
3. Milbank Memorial Chapel
4. Macy
5. Main Building (Teachers)
6. Domestic Science
7. Peabody Greenhouse
8. Women's Dormitory
9. Fiske
10. Milbank
11. Brinkerhoff
12. Wilde Observatory
13. Class of 1882 Gates
14. Statue, Great God Pan
15. Mapes Gates
16. University
17. Milbank Quadrangle
18. Havemeyer
19. Schermerhorn
20. Model House
21. Engineering
22. West
23. Fayerweather
24. Earl
25. Library
26. Saint Paul's Chapel
27. Mines
28. Lafayette Post Flag Staff
29. Class of 1881 Flag Staff
30. East
31. Philosophy
32. Brooks
33. Subway Station
34. Statue, Alma Mater
35. Kent
36. Hamilton
37. Statue, Alexander Hamilton
38. Hartley
39. Livingston
40. South Field
41. Class of 1885 Sun Dial

ENTRANCE REQUIREMENTS

Committee on Undergraduate Admissions

Professor JONES, *Chairman*

Professor BLACK
Professor BRAUN
Professor COLE
Professor CURTIS
Professor MCCREA
Professor MAYER
Professor ODELL
Professor RAUTENSTRAUCH
Professor RUSBY
Professor SACHS
Professor WARREN
Professor MABEL F. WEEKS

GENERAL STATEMENT

There are no examinations for admission to the Schools of Law, Medicine, Political Science, Philosophy, Pure Science, and Fine Arts (courses leading to degrees), or to Teachers College. For the requirements for admission to these departments, see the separate announcements of the Schools and Faculties concerned.

EXAMINATIONS

Except for reasons of weight candidates for admission to the Fresh man class in the College or Barnard must be at least fifteen years of age at the time of matriculation and correspondingly older for admission to advanced standing; and for admission to the Schools of Mines, Engineering, Chemistry, Architecture, Music, and Design, at least eighteen years of age.

The examination requirements for admission may be satisfied by any one of the three following means, or by any approved combination thereof:

1. By the examinations of the College Entrance Examination Board.—These examinations are held annually in June, in 1911 beginning on June 19, at Columbia University and at about one hundred and fifty other educational centres in the United States and Europe. A complete list of the places and times of such examinations, together with the regulations governing them, is published about March 1 annually and may be obtained from the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York City.

2. By the examinations conducted by the Columbia University Committee on Undergraduate Admissions.—These examinations are

held in September and January of each year (beginning on September 18, 1911, and January 15, 1912), and only at the University.

3. By the examinations of the State Examination Board of the New York State Education Department.—These examinations are held in January and June at more than six hundred high schools and other institutions throughout the State of New York, but, save in exceptional circumstances, are open only to students in those schools. Full information regarding the regulations governing them may be obtained by application to the New York State Education Department, Albany, New York.

A copy of the time-scheme of the examinations held by the College Entrance Examination Board in June, and by Columbia University in September and January, together with information as to the proper method of filing application-blanks for these examinations, the payment of fees, the division of examinations, and also detailed definitions of the requirements in each admission subject, is given in the *Bulletin of Entrance Examinations and Admission* which may be had upon application to the Secretary of the University.

All persons taking the January examinations will receive due credit for the results of the examinations. Students may be admitted, at the beginning of the second half-year, only to Columbia College and Barnard College; and provided they offer Plane Analytical Geometry in addition to the stated requirements for admission, to the Schools of Mines, Engineering, and Chemistry.

APPLICATION FOR EXAMINATION

Every candidate for examination is required to file an application.

For the examinations in June, 1911, the application must be filed with the Secretary of the College Entrance Examination Board. Applications for examination in the United States east of the Mississippi River must be filed on or before June 5. Applications for examination elsewhere in the United States or in Canada must be filed on or before May 29. Applications for examination outside of the United States and Canada must be filed on or before May 15.

For the examinations in January and September, 1911, applications should reach the Registrar of Columbia University on or before January 2, and September 11.

EXAMINATION FEE

Each application for examination in June must be accompanied by a fee of $5 for all candidates examined at points in the United States and Canada, and $15 for all candidates examined at points outside of the United States and Canada.

Each application for examination in January or September must be accompanied either by a fee of $5, by a receipt from the Bursar for

an examination fee previously paid, or by the receipt issued by the Secretary of the College Entrance Examination Board for the June examinations immediately preceding. *The latter will be accepted in either September or January, but not in both; and a single fee paid to the University will cover only two consecutive series of examinations, namely, January and September or September and January.*

If a late application is accepted either by the College Entrance Examination Board, or by the University, a second fee of $5 must be paid.

The examination fee receipt should be carefully preserved. It must be presented by the candidate to the Supervisor in charge of the examinations which he attends as evidence that he is entitled to be admitted to the same. No candidate will be admitted to the January or September examinations upon the receipt of the Board, unless that receipt bears the certification of the Registrar of Columbia University that the candidate's application has been filed.

RESTRICTIONS GOVERNING CREDITS FOR EXAMINATIONS

A candidate may present himself at any of the series of examinations scheduled above, and the results may be credited towards the fulfilment of the requirements for admission, subject to the following restrictions:

1. A candidate in making application for examination must submit a statement from the principal of his school, or from his last instructor, indicating the extent and character of his preparation in each subject in which he applies for examination, and credit may be withheld when this requirement is not met.

2. The results of an examination may stand to the candidate's credit for twenty-nine months, but no longer.

3. A candidate may not present himself for examination more than four times, except by special consent of the Committee on Admissions.

4. The results of the examinations conducted by the New York State Examination Board can be credited only in so far as the subject matter of these examinations specifically covers the subjects, or lettered or numbered parts of subjects, which are accepted for admission to Columbia University. Candidates who have been granted the College Entrance Diploma issued by the New York State Education Department may be admitted to the undergraduate departments free of conditions if the directions given in the Columbia University *Bulletin of Entrance Examinations and Admission* have been observed. The diploma should be forwarded to the Secretary of the University together with the application for admission. The proper credentials for individual subjects will be accepted in so far as they correspond to the entrance requirements.

5. In order to be credited towards entrance, the reports of a can-

didate's examinations, together with the statement of the extent and character of his preparation in each subject offered, must be in the hands of the Committee on Admissions one week prior to the opening of the term in September or January.

6. The reports of all examinations must be rendered to the Committee on Admissions in percentages. The Committee interprets these percentages as Passed (P), Conditioned (Q), or Failed (F). Credit towards admission is given only for such examinations as receive a grade of P.

EXAMINATION SUBJECTS

Columbia University recognizes the following examination subjects which may be offered for admission to one or more of the colleges and schools included in the University, each subject counting for a specific number of units as indicated in parenthesis. The unit here represents the number of years at the rate of five periods a week, which will normally be required in the secondary school to prepare adequately for the college examination.

Columbia College: A.B. 14½ units. *Prescribed*, 9½ units—English (3); elementary mathematics (2½); elementary Latin (4). *Elective*, 5 units—of which not more than 4 from elementary French (2), elementary German (2), Italian (2), Spanish (2); not more than 3 units from botany (1), chemistry (1), physics (1), physiography (1), shopwork (1), zoölogy (1); any of the following except that to offer an advanced subject involves offering at the same time or earlier the corresponding elementary subject: elementary Greek (3), elementary history (2) or (1), drawing (1), music (1), intermediate French (1), intermediate German (1), advanced English (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (½–1½).

B.S. 14½ units. The same as for the A.B. excepting that chemistry (1), physics (1), and intermediate or advanced subjects (2) may be offered in place of elementary Latin (4); in which case elementary Latin (2 or 4) becomes elective.

Barnard College: A.B. 14½ units. Same as Columbia College with the exception of shopwork, which is not an entrance subject for Barnard College.

B.S. 14½ units. *Prescribed* 12½ units,—English (3); elementary mathematics (2½); 2 units from botany (1), chemistry (1), physics (1), physiography (1), zoölogy (1), and intermediate or advanced subjects (2) may be offered in place of elementary Latin (4); in which case elementary Latin (2 or 4) becomes elective. *Elective*, 2 units—as given under *Elective* Columbia College.

General two years' course 14½ units. *Prescribed*, 5½ units—English (3); mathematics (2½); *Elective*, 9 units—Ancient or modern foreign languages (4); history, foreign languages, mathematics or science (5).

Schools of Mines, Engineering, and Chemistry: To uniform first year. 14½ units. *Prescribed*, 11½ units—Chemistry (1), drawing (1), elementary French or elementary German (2), English (3), mathematics (3½), physics (1). *Elective*, 3 units—Elementary German or elementary French (2), American history (1), ancient history (1), English history (1), mediæval and modern history (1), elementary Latin (2), botany (1), physiography (1), shopwork (1), Spanish (2), zoölogy (2), intermediate French or intermediate German (1).

School of Architecture: For certificate 9½ units. *Prescribed*, 3½ units—Elementary mathematics (2½), drawing (1). *Elective*, 6 units—English (3), elementary French (2), elementary German (2), elementary history (2) or (1), elementary Latin (2), physics (2), chemistry (1), Spanish (2), advanced mathematics (1).

Beginning with the academic year 1911–12, the total requirement in the School of Architecture will be 11½ units, and English (3) will be added to the list of required subjects.

School of Music: For the certificate in Music 9½ units. *Prescribed*, 3 units—English (3). *Elective*, 6½ units—Elementary French (2) or (1), elementary Latin (2), elementary mathematics (2½), physics (1), Italian (2), harmony (1), musical appreciation (1), musical performance (2), advanced history (1), advanced mathematics (1).

School of Design: For the certificate in Design 9½ units. *Prescribed*, 6 units—Drawing (1); English (3); either elementary French, elementary German. or elementary Italian (2). *Elective*, 3½ units—Either elementary Greek (3) or elementary Latin (2), elementary history (2) or (1), elementary mathematics (2½), elementary physics (1), chemistry (1), advanced mathematics (1).

College of Pharmacy: Phar. C. 11½ units. To offer an advanced subject involves offering either at the same time or earlier the corresponding elementary subject. English (3), elementary French (2), elementary German (2), elementary Greek (3), elementary history (2) or (1), elementary Latin (4) or (2), elementary mathematics (2½), physics (1), intermediate French (1), intermediate German (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (1), botany (1), chemistry (1), drawing (1), physiography (1), Spanish (2), zoölogy (1).

SCHEDULE OF EXAMINATIONS

The examination at Columbia University will be held as follows:

For men, in Earl Hall in January, and in the Gymnasium in June and September.

For women, in Barnard College in January, June, and September.

Candidates taking these examinations must report to the Supervisor, in the examination room, fifteen minutes in advance of the first examination which they are to attend.

Schedule

January 9–16, 1911, and June 19–24, 1911

Monday, January 9 and June 19

Mathematics *a*, i, ii (Elementary Algebra: to Quadratics; Quadratics, etc.)	9.30–12.30
History *b* (Mediæval and Modern History)	1.30–3.30
History *d* (American History)	1.30–3.30
Physics (Elementary)	3.45–5.45
Botany	3.45–5.45
Zoölogy	3.45–5.45

Tuesday, January 10 and June 20

Mathematics *c*, *d* (Plane Geometry; Solid Geometry)	9–12
History *a* (Ancient History)	1.30–3.30
History *c* (English History)	1.30–3.30
German *a* (Elementary German)	3.45–5.45

Wednesday, January 11 and June 21

Latin *b* (Cæsar)	9–10.30
Latin *m* (Sight Translation)	10.45–12.30
French *a* (Elementary French)	1.30–3.30
German *b* (Intermediate German)	3.45–5.45
Spanish	3.45–5.45
*Italian	3.45–5.45

Thursday, January 12 and June 22

Latin *c* (Cicero)	9–11
Latin *a* (Grammar and Composition)	11.15–12.30
*Shopwork (Written)	1.30–3
Latin *d* (Vergil's Æneid, Books I–VI)	1.30–3.30
French *b* (Intermediate French)	3.45–5.45

Friday, January 13 and June 23

English *a* (Reading and Practice)	9–11
Latin *l* (Prose Composition)	11.15–12.30
English *b* (Study and Practice)	1.30–3.30
Chemistry	3.45–5.45
Physiography	3.45–5.45
Greek *c* (Homer's Iliad, Books I–III)	3.45–5.45
Music *b* (Harmony)	3.45–5.45

*Not offered in June.

Saturday, January 14 and June 24

Mathematics *b* (Advanced Algebra)	9–11
Greek *b* (Xenophon)	9–11
Drawing	9–11.30
Greek *a* (Grammar and Composition)	11.15–12.30
*Advanced History	1.30–3.30
Mathematics *f* (Plane Trigonometry)	1.30–3.30
Greek *g* (Sight Translation)	1.30–3.30
Greek *f* (Prose Composition)	3.45–5.45
Music *a* (Musical Appreciation)	3.45–5.45

Monday, January 16

*Shopwork (Laboratory)	10–12
*Advanced English	9–12
*Advanced Greek	9–12
*Advanced Latin	1–4

SUBMISSION OF NOTE-BOOKS, DRAWINGS, ETC.

All work submitted must be duly certified to in ink by the teacher in the following form:

"I certify that this is a true and original record of work actually performed by .....while in attendance at ..... during the year 19.....

Instructor in.....

Drawings should bear a similar certification, or in case of work not done under instruction should be accompanied by the candidate's own signed declaration.

All note-books unless otherwise specified should be submitted at the time for examination. Candidates desiring their return should apply: for the June examinations, to the Secretary of the College Entrance Examination Board; for the September and January examinations, to the Chairman of the Committee on Admissions.

English exercise books, submitted in lieu of examination, Advanced English essays, or Advanced History note-books, should be sent to the Secretary of the University at least two weeks before the examinations begin. Within ten days the candidate will be informed whether or not the work submitted has been accepted. English exercise books will *not* be returned to the writers. All note-books uncalled for one year from the date of submission will be destroyed.

Admission to Advanced and Special Standing.

(See Faculty Statements, page 192 *et seq.*)

*Not offered in June.

DEFINITIONS OF REQUIREMENTS

(Specimens of the question papers set by Columbia University are on file in the University Library or may be obtained from the Chairman of the Committee on Undergraduate Admissions upon application. The question papers set by the College Entrance Examination Board are published annually in book form by Ginn & Company, New York.)

The following abridged statements are intended merely to indicate the general scope of the requirements. The official definition of each requirement is printed in full in the *Bulletin of Entrance Examinations and Admission*, and any person who intends to take the examinations himself or to prepare others for them should procure this Bulletin.

Botany[1] (One unit). (1) Structure and life history of 16 or more types of representative families of plants, 10 of them seed plants. (2) Elementary plant physiology. (3) Elementary natural history (ecology of plants). Requiring one year of laboratory and class-room instruction, for the course.

Chemistry[1] (One unit). Preparation and properties of the common elements and their important compounds.

Mastery of the more usual chemical terms and ability to make simple calculations and explanations of chemical processes. Preparation should include lectures and demonstrations, study of standard elementary text-books, and forty or more laboratory exercises.

Drawing[1] (One unit). The ability to sketch free-hand with reasonable accuracy—(a) From dictation: Simple geometrical figures; (b) From the object: A vase, household utensil, or other familiar object; (c) From the copy: Enlarging or reducing simple pieces of machinery or architectural or decorative detail. (At least 20 freehand drawings must be submitted.)

English (Three units). (a) Reading and Practice (this part of the test may be fulfilled in whole or in part by an exercise book). (See page 179.) A test of training in English composition. A list of the books prescribed for reading appears in the Bulletin. (b) Study and Practice. The subject-matter, form, and structure of certain specified works, and incidentally English grammar and English literary history. Prescribed for 1910: Macbeth; Lycidas; Comus; L'Allegro and Il Penseroso; Burke on Conciliation, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns. (For succeeding years see Bulletin.)

[1] A certified and indexed note-book must be submitted (see p. 179).

English, Advanced (One unit). Candidates must have covered substantially the same ground as that included under English A1–A2. (see page 102). (1) English composition, presupposing the elements of rhetoric. (2) General history of English literature, and selected works (a list of which may be obtained from the Secretary of the University). Ten essays of at least 500 words each must also be submitted. (See p. 179.)

French, Elementary (Two units). Accurate pronunciation and the ability to read at sight easy prose and to put into French simple English sentences. The rudiments of the grammar, involving all but the rare irregular verb forms and the simpler uses of conditional and subjunctive. The preparation should include, beside the mastery of a good elementary text-book, the reading of 300–600 pp. of easy French.[1]

French, Intermediate (One unit). Additional reading, 400–600 pp. including dramatic works. Grammar completed. Further drill in composition.

German, Elementary (Two units). Accurate pronunciation and the ability to read easy dialogue and narrative prose, and a working knowledge of grammar and composition adequate for the putting into German of simple English sentences based upon a familiar vocabulary. The preparation should include, beside the mastery of a good elementary text-book, the reading of 150–200 pp. of easy German.[1]

German, Intermediate (One unit). Additional reading, 400 pp. of moderately difficult prose and poetry. Further drill in grammar and composition, with special reference to syntax.

Greek, Elementary (Three units). (a) 1 and 2. — Attic grammar and elementary composition, based on Anabasis I–II. (b) Anabasis I–IV. (c) Iliad I–III (except II, 494–end) with tests concerning constructions, poetic forms, and prosody. (f) Translation into Greek of simple continuous English prose. (g) Translation into English at sight of continuous Greek prose.

Greek, Advanced (One unit). Candidates must have covered substantially the same ground as that included under Greek 3–4 (see p. 79): at least 1200 additional lines in Homer, Herodotus, Bk. vi., and Plato's Apology.[2] Also at least fifteen exercises in Spieker's Greek Prose Composition.

[1] A list of the reading recommended will be found in the Bulletin.
[2] For information concerning possible substitutions, see Bulletin.

History, Elementary (Each of the four divisions a, b, c, and d counts one unit. Candidates for admission to the Schools of Mines, Engineering, and Chemistry may offer one or more of the divisions without restriction. All other candidates may offer any one or any two of the divisions without restriction). (a) Ancient, beginning with brief study of Oriental peoples and coming down to the death of Charlemagne, with reference to art, literature, and government. (b) From 800 on including growth of the State system. (c) English history, including social and political developments. (d) American history with the elements of civil government.

Each field may best be covered by an accurate text-book of 300 pp. plus, say, 300 pp. of selected supplementary reading.

History, Advanced[1] (One unit). (Candidates must have offered for elementary history either a and b or c and d, and must present themselves for examination upon the two divisions *which they did not offer as an elementary subject.*) The work performed must have been of the same kind, amount, and quality as that required for History A1–A2 (see page 112). Supplementary reading emphasizing the significance of historical phenomena. The candidate must present at least 5000 words of notes on each historical field offered, and show practice in making historical parallels in preparing digests of outside reading, and in the use of historical maps.

Italian, Elementary (Two units). The requirement corresponds to that in Elementary French (see p. 181).

Latin, Elementary (Four units), *i.e.*, *a*, *c*, *d*, *l*, and *m*, or two units *i.e.*, a and either c or d, or—except for Columbia College, Barnard College, and Schools of Music and Design (courses leading to a certificate in Music or Design)—b. (a) i and ii—Elementary grammar and prose composition. (b) Any four books of Cæsar's Gallic War, preferably I–IV. (c) Cicero, any six orations, preferably the four orations against Catiline, Archias, and the Manilian Law. (d) Vergil. The Æneid, I–VI, with incidental prosody. (l) Translation into Latin of simple continuous English prose. (m) Translation into English at sight of continuous Latin prose.

For new requirement alternative with the old in 1911 and exclusive of the old in 1912 see Announcement of Entrance Requirements and Admission.

Latin, Advanced (One unit). Candidates must have covered substantially the same ground as that included under Latin A1–A2 (see

[1] A certified note-book must be submitted (see p. 179).

page 79). Horace, Odes, Bks. I and III, with incidental prosody, and Livy, Bk. XXI and Chapters 41–53, Bk. XXII[1] (or, for Barnard College, Vergil, Eclogues, and Ovid, selections). Fifteen exercises from Part I and ten from Part II of Gildersleeve and Lodge's Prose Composition.

Mathematics, Elementary (Two and one-half units). (a) Elementary algebra, including—i, the four fundamental operations for rational expressions, and such topics as lowest common multiple, ratio and proportion, linear equations, radicals, fractional and negative exponents; ii, quadratic equations, arithmetic and geometric progressions, the binomial theorem for positive integral exponents, the use of graphical methods. (c) Plane geometry—original exercises, loci, mensuration of lines and plane surfaces.

Mathematics, Advanced (One-half to one and one-half units). (b) Advanced Algebra (One half-unit): Permutations and combinations, complex numbers, determinants, numerical equations of higher degree, theory of equations, graphical methods, Descartes's rule of signs, and Horner's method. (d) Solid geometry (One half-unit): Original exercises, loci problems, mensuration of surfaces and solids. (e) Trigonometry (One half-unit): The principal formulas, simple equations and triangles, theory and use of logarithms (without infinite series).

Candidates for admission to the Schools of Mines, Engineering, and Chemistry must offer solid geometry and plane trigonometry.

Music. NOTE—A candidate for admission to Columbia College may offer either a or b. A candidate for admission to the School of Music (courses leading to a certificate in Music) may offer either a or b or both—with or without the addition of Musical Performance.

(a) Musical Appreciation (not involving ability to perform nor to read from printed music) (One unit). (1) The principal musical forms and their historical development; (2) the lives and environment of Bach, Mozart, Beethoven, Schubert, and Chopin, and five other composers; (3) familiarity with certain compositions designated in Bulletin.

(b) Harmony (One unit). The elements of simple harmonization.

(c) Musical Performance (Two units). The candidate should communicate with the School of Music regarding this requirement.

Physics[2] (One unit). The most important facts and laws in elementary physics. Preparation should include the mastery of a

[1] For information as to possible substitutions, see Bulletin.

[2] A certified and indexed note-book must be submitted (see p. 179).

standard text-book supplemented by numerical problems, instruction by lecture with demonstrations and individual laboratory exercises—say, mechanics, 13; sound, 3; heat, 5; light, 6; electricity, 8.

Physiography [1] 1 and 2 (One unit). Preparation includes modern text-books and at least forty individual laboratory and field exercises —say, earth as a globe, 5; ocean, 5; atmosphere, 12; land, 18.

Shopwork (One unit). Involving in each subject 180 laboratory hours, examination, both written and practical, on the use and structure of tools, nature of shop processes, methods of construction, and properties of materials. Authenticated models may be presented as evidence of technical skill.

The candidate may offer either (a) Woodwork—i, joinery; ii, turning and patternmaking, or (b) Forging, or (c) Machine-work.

Spanish, Elementary (Two units). The requirements correspond to that in elementary French, see page 181.

Zoölogy (One unit). Laboratory and field study, supplemented by text-book and further reading. (1) General natural history of common American animal types. (2) Classification of animals into phyla and leading classes. (3) Structure of typical animals—say, frog or fish, decapod, earthworm, hydra, protozoön. (4) Physiology of the types studied and comparison of life-processes of animals and plants. (5 and 6) (in a very elementary way) Reproduction, embryology, and (optional) elements of cytology. (7) (optional) biological history.

[1] This is identical with the subject called Geography by the College Entrance Examination Board.

REGULATIONS FOR THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

NOTE.—Attention is particularly called to the *Announcement of the Faculties of Political Science, Philosophy, and Pure Science.*

1. Candidates for the degrees of Master of Arts and Doctor of Philosophy known as the Higher Degrees must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree, or have an education equivalent to that represented by one of these degrees, such equivalence to be passed upon in every case by the Executive Committee of the University Council.

Each candidate for a higher degree must present to the Dean satisfactory evidence that he is qualified for the studies he desires to undertake.

2. Candidates for the degrees of Master of Arts and Doctor of Philosophy must pursue their studies in residence for a minimum period of one and two years, respectively.[1] The year spent in study for the former is credited on account of the requirement for the latter. Residence at other universities may be credited to a candidate. In certain cases and by special arrangement, time exclusively devoted to investigation in the field will be credited in partial fulfilment of the requirement of residence. No degree will be conferred upon any student who has not been in residence at Columbia University as a graduate student for at least one year. The satisfactory completion of work at four consecutive Summer Sessions or two consecutive Summer Sessions together with the half-year preceding, intervening, or immediately following, will be accepted as fulfilling the minimum requirement of one year's university residence for the degree of Master of Arts.

3. Each student who declares himself a candidate for a higher degree shall designate one principal or major subject and two subordinate or minor subjects.

Candidates are expected to devote about one-half of their time throughout their course of study to the major subject, and about one-quarter to each minor subject.

Except by vote of the Executive Committee of the University Council upon the recommendation of the Dean and the head of the

[1] In practice three years of university residence subsequent to the attainment of the Bachelor's degree, or its equivalent, are usually necessary to obtain the degree of Doctor of Philosophy.

department concerned, no candidate may choose his major and both minor subjects under one department.

Major and minor subjects may not be changed except by permission of the Dean, on the approval of the heads of the departments concerned.

Both the professor in charge of the major subject and the Dean must pass upon the student's qualifications for the course of study he desires to pursue, and approve his choice of subjects before registration can be effected.

4. The subjects from which the candidate's selection must be made are:

Under the Faculty of Political Science

Group I.—History and political philosophy: (1) Ancient and oriental history; (2) mediæval history and church history; (3) modern European history from the opening of the 16th century; (4) American history; (5) political philosophy.

Group II.—Public law and comparative jurisprudence: (1) Constitutional law; (2) international law; (3) administrative law; (4) Roman law and comparative jurisprudence.

Group III.—Economics and social science: (1) Political economy and finance; (2) sociology and statistics; (3) social economy.

In his choice of subjects under this Faculty, the candidate whose major subject lies within its jurisdiction is limited by the following rules:

A candidate for the degree of Master of Arts or Doctor of Philosophy must select one minor subject outside of the group which includes his major subject.

A candidate for the degree of Doctor of Philosophy must select one minor subject within the group which includes his major subject.

The candidate for the degree of Master of Arts must take, in each subject, courses occupying at least two hours weekly throughout one year. In his major subject he must also attend a Seminar.

The candidate for the degree of Doctor of Philosophy must take, in his major subject, courses occupying at least four hours weekly during each required year of residence (provided that this number of hours be offered in the subject), and must also attend a Seminar during the period of residence. In each minor subject he must take courses occupying at least two hours weekly during each required year of residence.

Under the Faculty of Philosophy

I. Major Subjects: (1) Philosophy; (2) psychology; (3) anthropology; (4) education; (5) linguistics; (6) comparative literature; (7) classical

archæology and epigraphy; (8) Greek language and literature, and, incidentally, Grecian history; (9) Latin language and literature, and, incidentally, Roman history; and the following, including in each case the study of both the language and the literature: (10) English; (11) Germanic; (12) Romance; (13) Sanskrit (with Pāli) and Iranian; (14) Semitic languages; (15) Chinese. Nos. 1, 2, 3, 4, 6, 10, 11, 12, 13, 14, and 15 may each be offered as the equivalent of a major and one minor subject.

II. Minor Subjects: (1) Philosophy; (2) psychology; (3) anthropology; (4) education; (5) linguistics; (6) comparative literature; (7) Greek; (8) Greek archæology; (9) Latin; (10) Roman archæology (11) Sanskrit; (12) Iranian; (13) English; (14) Anglo-Saxon; (15) Gothic; (16) Germanic philology; (17) German language and literature; (18) Scandinavian languages and literatures; (19) Romance philology; (20) French language and literature; (21) Spanish language and literature; (22) Italian language and literature; (23) Hebrew; (24) Arabic; (25) Assyrian; (26) Syriac; (27) Ethiopic; (28) Semitic epigraphy; (29) Turkish; (30) Armenian; (31) Chinese; (32) Coptic; (33) Celtic; (34) comparative religion.

A candidate for the degree of Master of Arts or Doctor of Philosophy may, with the consent of the Dean and of the heads of the departments concerned, select both minor subjects within the same department, and may divide a minor subject, taking parts of two subjects germane to his major subject.

Under the Faculty of Pure Science

(1) Anatomy; (2) astronomy; (3) bacteriology; (4) botany; (5) biological chemistry; (6) chemistry; (7) civil and sanitary engineering; (8) electrical engineering; (9) geodesy; (10) geology; (11) mathematics; (12) mechanical engineering; (13) mechanics and electro-mechanics; (14) metallurgy; (15) mineralogy; (16) mining; (17) paleontology; (18) pathology; (19) physics; (20) physiology; (21) zoölogy.

With the consent of the Dean, the major and one minor subject may be taken under one department. Both minor subjects may not be taken under one department without the consent of the Faculty.

5. Each student is given a registration-book in which to keep the record of courses attended. At the beginning and end of each course the professor in charge certifies the student's attendance by his signature. Before presenting himself for examination for any degree, the student shall submit his registration-book to the Dean in order that the Dean may satisfy himself that the required minimum number of courses has been attended.

6. Each candidate for the degree of Master of Arts is required to present an essay on some topic previously approved by the

professor in charge of his major subject. The Faculty of Political Science requires this essay to be a paper read during the year before the Seminar of which the candidate is a member.

When the essay has been approved, the candidate is required to file with the Registrar two legibly written or typewritten copies on firm, strong paper, eleven by eight-and-a-half inches in size with an inner margin of one-and-a-half inches. The title-page shall contain the words: "Submitted in partial fulfilment of the requirements for the Degree of Master of Arts, in the Faculty of ————, Columbia University."

7. Diplomas are issued on Commencement day, on the third Tuesday in October and on the third Tuesday in February. Corresponding to these dates, respectively, applications for examination for the degree of Master of Arts must be filed with the Registrar by April 15, July 15, and December 15. The application should be accompanied by the completed essay required for the degree. Extension of time for the completion of the essay may be granted only by the Dean of the Graduate Faculties, or (in July) by the Director of the Summer Session. A candidate must have such general knowledge of his principal subject, apart from the satisfactory completion of particular numbered courses, as may be deemed necessary by the department concerned.

Applications for the oral examination for the degree of Doctor of Philosophy must be filed with the Registrar at least two months before one of the three dates at which diplomas are issued (viz., October, February, and June) in order to secure examination before that date.

8. Each candidate for the degree of Doctor of Philosophy shall present a dissertation embodying the results of original investigation and research on some topic previously approved by the professor in charge of the major subject. When such dissertation has been approved, it shall be printed by the candidate, and thirty copies shall be delivered to the Registrar. On the title-page of every such dissertation shall be printed the words: "Submitted in partial fulfilment of the requirements for the Degree of Doctor of Philosophy, in the Faculty of ————, Columbia University."

Each dissertation shall contain upon its title-page the full name of the author; the full title of the dissertation; the year and place of imprint, and, if a reprint, the title, volume, and pagination of the publication from which it was reprinted; and there shall be printed and appended to each dissertation, in the form of a Vita, a statement of the place and date of birth of the author, of the educational institutions that he has attended, and a list of the degrees and honors conferred upon him, as well as the titles of his previous publications.

9. No candidate for the degree of Doctor of Philosophy is admitted to examination except on the recommendation of the professor who has approved the topic selected for the dissertation, indorsed by the

professors in charge of the major and minor subjects. Every candidate must pass, besides such other examinations as the Faculty in charge of the major subject may require, an oral examination on all three subjects, and must defend the dissertation in the presence of that Faculty, or of so many of its members as may desire or as may be designated to attend.

In the Faculty of Political Science, the examination on the major and minor subjects and on languages, but not on the dissertation itself, may be held before the printed dissertation is submitted.

In the Faculties of Philosophy and Pure Science, the dissertation is not required to be printed until after the examination of the candidate.

The general examination for the degree of Doctor of Philosophy will not be confined to the courses which the candidate has attended in Columbia University or elsewhere, or even to the field covered by such courses. The candidate is expected to show a satisfactory grasp of his major subject as a whole and a general acquaintance with the broader field of knowledge of which this subject forms a part.

The ability to read at sight French and German, to be certified in each case by the Dean, is required by all the Faculties.

In the Faculty of Political Science, the candidate must also show that he is able to read ordinary Latin, unless it shall have been previously certified by the professor, or professors, in charge of the major subject that ability to use this language is not necessary for the proper prosecution of the candidate's researches. On application to the Dean, the candidate may be examined on the required languages one year before presenting himself for the general examination on his major and minor subjects. If no such application be made, he will be examined on the languages in connection with the general examination on these subjects.

In the Faculty of Philosophy, admission as a regular student or as a candidate for the degree of Master of Arts does not admit to candidacy for the degree of Doctor of Philosophy. Only those students are admitted to candidacy for the degree of Doctor of Philosophy who (1) are recommended for such candidacy by the heads of the departments in which their major and minor subjects of study lie; (2) are certified as to their ability to read French and German by the heads of those departments; (3) are certified as to their ability to read Latin by the head of that department, provided that students whose major subject is psychology, anthropology, or education, shall not be required to meet this test when it is certified by the professor in charge of their major subject that an ability to read Latin is not necessary for the proper prosecution of their researches. The examinations in Latin, French, and German shall be passed at least one academic year before the candidate presents himself for the degree.

10. Students holding the required first degree who are primarily registered in a professional school of Columbia University, or in an allied professional school, may be registered as candidates for the higher degrees in the Faculty of Political Science, the Faculty of Philosophy, or the Faculty of Pure Science. In such a case the candidate must take his major subject under one of these Faculties, and must conform to all its rules as regards examinations, essay, and dissertation; but he may offer, as the equivalent of the two minor subjects, such of his professional courses as may be approved for that purpose by the Dean of the Graduate Faculties.

11. No student may continue to be a candidate for the degree of Doctor of Philosophy for a longer period than three years from the time he ceases to be in residence, nor for a longer period than six years from the time of his initial registration for a higher degree.

MASTER OF LAWS

1. Any student who has satisfactorily completed 94 points including all prescribed work in Columbia College, or in some other college maintaining an equivalent curriculum (every such case of equivalency to be considered on its own merit), shall be entitled to be recommended for the degree of Master of Laws upon certificates from the Faculty of Law and the Faculty of Political Science that he has satisfactorily completed a four-years' course of study under said Faculties.

2. Every candidate for the degree of Master of Laws must elect from the subjects offered by said Faculties courses aggregating, in the four years, fifty-two hours per week, and must pass satisfactory examinations upon the subjects elected; provided that not more than thirty-four hours of work may be elected either in the field of private law, or in that of public law, social ethics, history, and economics.

3. Students, otherwise qualified, who have received the degree of Bachelor of Laws from this University after pursuing the full course of study, shall be entitled, upon pursuing for an additional year a course of study of at least thirteen hours per week, under either or both of said Faculties, and passing satisfactory examinations therein, to receive the degree of Master of Laws; provided that no student shall receive the degree who has not studied and passed satisfactory examinations in comparative constitutional law, administrative law, Roman law, international law, and in the three courses offered on equity,[1] and who has not pursued here, or elsewhere, courses of instruction satisfactory to the Faculty of Political Science in history, social ethics, and economics.

4. Each Faculty shall determine the order in which the subjects

[1] Under this provision students would be allowed, but not required, to take history of European law, conflicts of law, law of municipal corporations, and the law of taxation.

offered by it shall be taken, and the maximum amount of work to be done therein during any one year.

5. Students from other universities, colleges, or law schools, who shall have satisfactorily completed a course of study equivalent to at least one term of thirteen hours per week in the subjects indicated in Section 2, after receiving a bachelor's degree, may be excused from the corresponding number of terms of the four-years' residence required at Columbia, provided that in no case shall any one receive the degree of Master of Laws who has not spent at least four years in the study of the said subject in some university, college, or law school; and the decision whether work at another institution shall be accepted as equivalent to work at Columbia shall rest, so far as the studies under the Faculty of Law are concerned, with the Faculty of Law, and, so far as the studies under the Faculty of Political Science are concerned, with the Faculty of Political Science. But neither Faculty shall admit a student from another university, college, or law school to examination for the degree of Master of Laws without a residence of at least one year in this University.

COLUMBIA COLLEGE

The Faculty

The President of the University

Dean KEPPEL

Term expires 1911: Professors BEARD, BOGERT, DUNNING,[1] FISKE, FONTAINE, JORDAN, KEYSER, MCCREA, MCGREGOR, MEYLAN,[2] H. B. MITCHELL, SELIGMAN, SHOTWELL, TASSIN

Term expires 1912: Professors CALKINS, COHN, CURTIS, EGBERT, FARRAND, FITE, GROVE, HERVEY, JACOBY, KEMP, LOISEAUX, LORD, S. A. MITCHELL, ODELL, PERRY, THOMAS

Term expires 1913: Professors DAVIS, ERSKINE, HAWKES, HAYES, JONES, LOCKWOOD, MASON, F. G. MOORE, SEAGER, SHEPHERD, WOODBRIDGE, WOODWORTH, YOUNG

Officers of the Faculty

Mr. KEPPEL.....*Dean and ex-officio Member of the University Council*
Professor S. A. MITCHELL.....*Secretary*
Professor LORD.....(Term expires 1911) } *Elected Delegates to*
Professor THOMAS.....(Term expires 1913) } *University Council*

Standing Committees

ON INSTRUCTION: The Dean, *chairman*, Professors Kemp, Egbert, Thomas, Calkins, Shotwell, H. B. Mitchell, Beard, and Erskine

ON SCHOLARSHIPS: The Dean, *chairman*, Professors Fiske and Hervey

ADMISSION

To the Freshman Class

(See page 173)

Advanced Standing

Candidates for admission to advanced standing upon the basis of certificates from other colleges should file, at least one week before the first day of the September or January entrance examinations, the appropriate application blank, to be obtained from the Secretary of the University, with a transcript of his academic record, and a marked catalogue of the institution that he leaves.

[1] Absent on leave first half-year. [2] Absent on leave second half-year.

Appropriate credits up to a maximum of 18 points of the 124 required may be made by students who offer more than the prescribed number of units at entrance; but not more than 18 of the 124 points required for a degree may be made in this way.

Special Courses

Students of serious purpose who are in a position to fulfil the requirements for admission to the Freshman class or who have had a valuable educative experience in practical life, may be admitted as non-matriculated students to pursue courses without reference to any degree. For details see the current *Announcement of Columbia College.*

Probation

Every Freshman admitted conditionally will be held under probation during the first half-year of residence, and the character of his work during that period will determine whether, at its close, he shall be admitted to full standing, have his period of probation extended, or be dropped from the roll.

An entrance condition in any subject may be removed by the mark of C, B, or A, in a college course carrying on directly the work of that subject; otherwise the condition must be satisfied by formal examination.

Registration and Fees

(See page 38)

Scholarships

(See page 434)

THE PROGRAM OF STUDIES

The period within which the requirements for the degree of A.B. or B.S. may be satisfied varies with the capability and industry of the individual student. In most cases four years are spent in making the required number of points; students of ability and industry frequently complete the course in less time, especially if advantage be taken of courses in the Summer Session, or additional credit be gained by high standing; no student may spend more than six years as a candidate for a degree.

The following rules must be observed. Exceptions under rules 3–7 may be made by the Dean on recommendation of the Committee on Instruction.

1. The requirement for graduation is 124 points, the term "point" signifying the satisfactory completion of work requiring attendance one hour a week for one half-year, laboratory hours counting one-half.

2. When practicable prescribed subjects must be taken during the first two years.

3. No combination of courses amounting to less than 12 or more than 19 points may be made in any half-year.

4. Prior to graduation the student must have completed the equivalent of three years of sequential study, in courses aggregating at least 18 points beyond the elementary requirement for admission, in each of two departments.

In the case of candidates for the A.B. degree, at least one of these sequences of study must be chosen from those offered by the departments of Classical Philology, English, Germanic Languages and Literatures, History, Philosophy, and Romance Languages and Literatures; and in the case of candidates for the B.S. degree at least one must be chosen from those offered by the departments of Botany, Chemistry, Geology, Mathematics, Physics, and Zoölogy.

5. Admission to courses depends strictly upon completion of the stated prerequisites. Where no prerequisite is stated the course may be taken and counted for a degree by any student of the College.

6. A student whose record as to prescribed subjects is satisfactory to the Committee on Instruction, is permitted upon completion of 64 points to elect one, and on completion of 94 points to elect two graduate courses which his previous training will enable him to pursue with profit.

7. No student may take more than four hours' work (not including laboratory work) on the same day, or more than nine hours' work per week in any one department.

8. No one-hour course will be allowed unless taken in connection with or as a supplement to a cognate course.

9. To be recommended for a degree, a student must have made at least 84 points in actual college residence and of these at least 24 in Columbia College. (The Faculty has power to suspend this rule in individual cases; but a Statute of the University forbids the granting of a degree to any person who has not been a member of the University for a full academic year, *i. e.*, two half-years.)

Program of Studies for a Degree of Bachelor of Arts or Bachelor of Science with Honors

1. *The Conditions of Candidacy.* Any student free from entrance conditions may with the approval of the Committee on Instruction elect to study for a degree with honors, and pursue a curriculum involving less prescribed work, but more independent reading and more thorough study in chosen subjects than are required of the general candidate for a degree. Students who have elected to study for a degree with honors and have specified their choice of honor subjects, are to be known and listed in the University catalogue as "candidates for a degree with honors" so long as they maintain the standing required of honor men. Students who do not so elect are known and listed as "candidates for a degree."

The choice between the honor curriculum and the general curriculum is ordinarily to be made before the end of the Freshman year. If, however, at some later period in his college course, the candidate for a degree,

shall desire to become a candidate for a degree with honors he may be permitted to do so, provided that in the judgment of the Committee on Instruction his record is such as to warrant his candidacy.

2. *Choice of Honor Subjects.* A student electing to study for a degree with honors shall, not later than April 15 of his first year of residence, choose one department in which he will offer honor work and shall be then assigned to a representative of that department who shall thereafter act as his Faculty Adviser. In consultation with this adviser the student shall elect two other sequential series of honor courses, arrange his schedule of studies for the coming year and submit the same for approval not later than May

3. *The Honor Sequences.* The granting of honors is dependent upon the completion with high standing of three three-year sequences of courses, chosen from those announced in the departmental statements as constituting an honor sequence, together with such supplementary reading as may be required in connection therewith, and upon the candidate's performance in a final general examination covering the entire field of his honor work.

For the candidate for a degree of Bachelor of Arts with honors at least one of these three-year sequences of courses must be chosen from those offered by the departments of Classical Philology, English, Germanic Languages and Literatures, History, Philosophy, and Romance Languages and Literatures.

For the candidate for a degree of Bachelor of Science with honors at least one three-year sequence must be chosen from those offered by the departments of Botany, Chemistry, Geology, Mathematics, Physics, and Zoölogy.

English A, History A, Latin A, and Greek 3–4, may constitute the first year of study in a three-year honor sequence of courses in these subjects. But with these exceptions no college course which is the equivalent of a subject or portion of a subject which can be offered for entrance may be counted as part of an honor sequence.

4. *Credit for Honor Work.* The courses constituting the first year of an honor sequence bear a credit of one point each term for each hour per week of class-room attendance. In this first year of study no extra work is required of the candidate for honors. In connection with the courses of the second and third year of study, the candidate for honors is assigned supplementary reading, and provision is made by the departments for guiding this reading through personal conference or pro-seminar work. An additional credit of two points each term is allowed for this supplementary reading, so that a sequence of three-hour courses, where honor work is done, credits the student during the second and third year of study with five points each term when the term examination has been passed with an honor grade.[1]

[1] A student electing an honor sequence is required to pay tuition fees for the total number of points to be credited therefor.

The attainment of an honor grade in the final general examination (see paragraph 7) entitles the student to an extra credit of four points for each sequence of courses, but the required total credit of 12 points may be reduced as provided under the regulations governing additional credit for high standing (see p. 198).

5. *Prescribed Courses.* The candidate for a degree with honors is relieved from much of the prescribed work required of the general candidate for a degree. The following courses are however prescribed for all candidates unless the equivalent has been offered at entrance: English A, History A, Mathematics A, Physical Education A and B, and in the case of candidates for a degree of Bachelor of Arts, Latin A or Greek 3–4, and in the case of candidates for a degree of Bachelor of Science, French A and B, or German A and B.

6. *Standing Required of Honor Men.* The candidate for a degree with honors is examined at the end of each half-year and marked on the usual scale. If, at any of these term examinations, he fail in two of his honor subjects to attain a grade of A or B, he is rejected as a candidate for honors and given such credit toward a degree as may be fixed by the Committee on Instruction with the advice of the professors concerned. In the other courses elected by him the candidate for honors is held only to the ordinary passing standard.

7. *Final Examinations for Honors.* Upon the attainment of 112 points of college credit, including the satisfactory completion of three three-year sequences of courses beyond the requirements for admission, the candidate for a degree with honors is given a final general examination in each of his three subjects. These examinations cover the class-room work of the three years and test the extent and thoroughness of the supplementary reading assigned in connection therewith. If the candidate pass these examinations with a grade of A in all three subjects he is entitled to receive a bachelor's degree "with highest honors." If he receive two A's and one B, or one A and two B's, he is entitled to a degree "with high honors." If he receive three B's he is entitled to a degree "with honors." If the candidate fail to win honors at his final general examinations he may be given such credit towards a degree as may be determined by the Committee on Instruction upon the advice of the professors concerned.

8. *The Time Required for the Attainment of a Degree with Honors.* The candidate electing to study for honors in other subjects than those pursued by him in the Freshman year, or who does not present the full entrance offering in his honor subjects, will require four years to obtain a degree with honors. It is possible, however, for candidates electing honor sequences in subjects where the full entrance offering was presented and which were further pursued by them in the Freshman year, to obtain a degree with honors in three years of College residence without attending the Summer Session, but using the vacation for their honor reading. A

suggested program is contained in the *Announcement of Columbia College for 1910–11*, pp. 18–19.

9. *Honors as a Preparation for Professional Study.* Students looking forward to entering upon the study of a profession will find in the appropriate honor courses the most thorough preparation for their later work; and the opportunity which is offered to obtain a bachelor's degree with honors in three years, preserves to the candidate for honors the advantages of the combined collegiate and professional course.

Program of Studies for the Degree of A.B. or B.S.

Unless the equivalents have been offered for admission, the following courses, counting in points as indicated, are prescribed for students who are candidates for a degree but not for honors:

English A and B (10); History A (6); French or German, A and B (12); Mathematics A (6); Philosophy A (6); Physical Education A and B (4).

For A.B. candidates. Latin A or Greek 3–4 (6); two half-year courses in Natural Science, minimum (6).

For B.S. candidates. Chemistry A and Physics A (16).

A suggested arrangement of prescribed courses for students planning to spend four years in College residence will be found in the Announcements for 1910–11

In addition, the student's election of courses must be so planned as to provide for the satisfactory completion of three years of sequential study in courses aggregating at least 18 points beyond the elementary requirements for admission in each of two departments. For the A.B. one of these sequences must be chosen from those offered by the Department of Classical Philology, English, Germanic Languages and Literatures, History, Philosophy, and Romance Languages and Literatures. For B.S. candidates, one of these sequences must be chosen from those offered by the Departments of Botany, Chemistry, Biology, Mathematics, Physics, and Zoölogy.

Options in the Professional Schools

A student desiring to enter upon professional studies before graduation from the College, who has completed not less than 64 points in Columbia College and with no deficiencies in prescribed work, may exercise one of the following options:

(*a*) Upon receiving 72 points' credit he may take the studies of the first year in any one of the following professional schools of the University, provided he can satisfy the stated requirements for admission thereto, and may receive the degree of A.B. or B.S. upon the satisfactory completion of two years' work in such professional course:

The Schools of Mines, Engineering, and Chemistry
The College of Physicians and Surgeons
The Schools of Fine Arts (Architecture and Music)

It should be noted that no course for which credit is given toward a professional degree may be included in the 72 points mentioned above, excepting Mathematics 3–4 and Physical Education A and B.

(*b*) Upon receiving 94 points credit he may similarly take and count towards the bachelor's degree the studies of the first year in any of the above schools and also in the School of Law or as a candidate for a diploma in teaching in Teachers College.[1]

For particulars as to these several options the Announcement of the proper professional school should be consulted.

A student who exercises any one of the options here mentioned continues to be a student of Columbia College and subject to the authority of its Dean, as long as he remains a candidate for the College degree.

Additional Credit for High Standing

At the end of every half-year additional credit for high standing is given as follows:

The mark A in any two courses (no course being counted twice) entitles the student to one point of extra credit, provided he has not fallen below the mark B in any of the courses pursued by him during the half-year, other than Physical Education A and B, in which he must not have fallen below the grade of C.

The student having made 94 points, including all prescribed work, may receive extra credits, up to a maximum of 28, under conditions of candidacy set forth in the Announcement, by earning a grade of A or B for an essay prepared in connection with the work of one or two graduate courses elected under the provisions of Rule 6.

Choice of Electives

For recommendations in regard to the choice of elective studies the reader is referred to the *Announcement of Columbia College for 1910–11*.

Examinations in Course

Two series of stated examinations are held, one beginning on the last Wednesday but one of the first half-year (January 25, 1911), and the other on the Monday of the second week preceding Commencement (May 22, 1911).

Delinquent examinations are held within the two weeks immediately preceding the opening of the College in the autumn; and, in addition, by special permission, during the first week in May. They are open to:

(*a*) Students who have received F in an *elective* course, but such students will in no case receive more than D in such a course.

[1] Such candidates register and pay their fees in Teachers College and become subject to the educational control of its faculty.

(Students who have received F in a *prescribed* course must repeat the course.)

(*b*) Students having been absent, for imperative reasons, from the final examination in any course. Students if allowed to take these examinations receive a grade for the course in accordance with their merits.

In rare instances, for reasons of weight permission for a special examination is granted by the Dean on recommendation of the Committee on Instruction. Applications should be filed at the office of the Registrar.

Grades, Credit, and Reports

The student's performance in a course is reported according to the following grades : A, excellent ; B, good ; C, fair ; D, poor ; F, failure. Grades. A, B, C, and D pass a student in the course.

A student who receives a mark of F in any prescribed course must repeat that course. In any half-year or Summer Session not more than one course, whether prescribed or elective, in which the student is marked D, may be counted toward a degree. Of several courses in which he is marked D he may choose the one to be so counted. All petitions for changes in, or additions to, a student's record must be made within four months of the time at which the entry was made or should have been made. Within three weeks after the close of an examination period a final report of standing for the half-year will be sent to the student, to his parent or guardian, and to his faculty adviser. The report will also indicate the number of points which the student has obtained to date and his deficiencies, if any, in entrance requirements and in prescribed courses. Tentative reports are also made at the end of each week in each half-year.

Advice to Students

All students admitted with conditions shall be assigned for advice to the Committee on Admissions until such time as their entrance deficiencies or conditions be removed. All candidates for honors shall be assigned for advice to a representative of the department in which they first elect honor work. All other students shall be assigned to the Dean of the College, who shall be chairman of the Committee on Advice to Students, the members of which may act as assistants to the Dean and may be assigned such advisory duties as the Dean may deem necessary.

REGISTER OF STUDENTS

COLUMBIA COLLEGE

SENIORS—CLASS OF 1911

NOTE.—Only students actually in residence at the date of publication are included in this Register. Matriculated students are classified according to the regulations printed in the College Announcement for 1910–11. Under these regulations some students who will graduate in 1911 and 1912, respectively, are enrolled in the lower classes.

ABRAHAMS, ALEXANDER I. ..... New York City
ALTENBURG, EDGAR. ..... New York City
AXMAN, LAURENCE H. ..... New York City
BAKER, HENRY D. ..... New York City
BAUMER, HERBERT PETER. ..... New York City
BECK, PINEUS M. ..... New York City
BELL, WILEY A., JR. ..... Leonia, N. J.
BENDER, SIDNEY. ..... New York City
BERGMAN, AUGUSTUS HENRY. ..... New York City
BISHOP, SHELTON HALE. ..... New York City
BLABER, JOSEPH THOMAS. ..... New York City
BLOCH, HARRY. ..... New York City
BRANDT, ROBERT CARL. ..... New York City
BRUNO, ALEXANDER. ..... New York City
CARUSO, CARMINE WILLIAM. ..... Newark, N. J.
CHILDS, STERRY HUNT. ..... New York City
COVELLO, LEONARD. ..... New York City
CROUZE, ALBERT. ..... New York City
DEGAVRE, MARTIN LOUIS. ..... Newark, N. J.
DORR, WILLIAM CASPAR. ..... New York City
EGBERT, GEORGE PENNINGTON. ..... New York City
EICHMANN, MEYER. ..... West Hoboken, N. J.
EIMER, CARL BERNARD. ..... New York City
EPSTEIN, LOUIS. ..... Chicago, Ill.
ERNST, MONTROSE. ..... New York City
FAIRBAIRN, ROBERT LE FEVRE. ..... New York City
FELBEL, FRANK JULIUS. ..... New York City
FERRARA, JOSEPH. ..... New York City
FERREIRA, AVELINO VICENTE. ..... Hackensack, N. J.
FITZ GERALD, AARON BOYLAN. ..... Newark, N. J.
FLOWER, ALFRED R. ..... Passaic, N. J.
FRANK, MAX. ..... New York City
FRIEDMAN, ISRAEL. ..... New York City
FRIZZELL, BONNER, A.B. Texas Christian 1909. ..... Athens, Texas
GATCH, NELSON B. ..... St. Louis, Mo.
GIEGERICH, ARTHUR NICHOLAS ANTHONY. ..... New York City
GILDERSLEEVE, NELSON BURROUGHS. ..... New York City
GINSBERG, ISMAR. ..... New York City

GREENEBAUM, HAROLD M.....New York City
GREENEBAUM, MILTON.....New York City
GRILL, ABRAHAM M.....New York City
HABER, ISADOR.....West Hoboken, N. J.
HASTINGS, WILLIAM HENRY, JR.....New York City
HEYDECKER, WAYNE DARLINGTON.....Mt. Vernon, N. Y.
HILL, JOHN WARREN.....New York City
KEMP, WILLIAM CULLEN BRYANT, A.B. 1900, A.M. 1901, LL.M. 1901..New York City
KEYES, GEORGE THURMAN.....Hartford, Conn.
KLINGENSTEIN, JOSEPH.....New York City
KLUGESCHEID, RICHARD CHARLES.....New York City
KOENIG, LEO.....New York City
KORN, SAMUEL SEYMOUR.....New York City
KUNSTLER, MONROE BRADFORD.....New York City
LEFFERTS, ALLEN.....New York City
LIPARI, ANGELO.....New York City
LLOYD, LLEWELLYN.....New York City
LOBECK, ARMIN KOHL.....Haworth, N. J.
LOWY, ALEXANDER.....New York City
MACKENZIE, EDWARD HEMOND.....Glen Sprey, N. Y.
MACKINTOSH, JAMES HANDFORTH.....Jefferson Valley, N. Y.
MAGUIRE, CEDRIC F.....New York City
MARSH, HARRY WIDDECOMBE.....Grand Rapids, Mich.
MEYER, ADOLPH HENRY.....New York City
MICHTOM, JOSEPH STEWART.....New York City
MOSES, ALFRED STAUNTON.....New York City
MULLEN, JOHN A.....New York City
MURPHY, JOHN JOSEPH.....Hartford, Conn.
NORTON, ROBERT CLINTON.....New York City
PASCARELLA, FRANK.....Emerson, N. J.
PATON, THOMAS BUGARD, JR.....New York City
PRICE, ARTHUR LEO.....New York City
RADE, HENRY S.....New York City
RIEGEL, GUY H.....Lebanon, Pa.
ROCHE, ERNEST SPENCER.....New York City
ROCHE, JOHN PIERRE.....Chicago, Ill.
ROSS, WILLIAM NEELY.....Troy, N. Y.
ROTHWELL, VINCENT HAROLD.....New York City
RUBINO, GABRIEL.....New York City
SCHLESINGER, GABRIEL.....New York City
SCHMIDT, ARNOLD M.....New York City
SCHOLZ, FREDERICK WILLIAM.....New York City
SCHUBERT, ORVILLE EDGAR.....Pierre, S. D.
SCOTT, GEORGE W. A.....New York City
SHIRLEY, AMOS REGINALD.....New York City
SICELOFF, JOHN ANDREW.....Fayette, Mo.
SLUTZKY, HENRY.....New York City
SPENCER, FREDERICK BURR.....New York City
SPRINGER, MILTON PINCUS.....New York City
STEINEMANN, ROBERT.....New York City
STEPHENS, RICHMOND.....New York City
STEWART, RALPH RANDLES.....New York City
STICKLES, LLOYD.....Newark, N. J.
STONE, EDWIN WADSWORTH.....New York City
STRASBURGER, SAMUEL MYER.....Long Branch, N. J.
VAN FOSSAN, ERNEST HARVEY.....Lisbon, Ohio

Warren, George Henry.....New York City
Webber, William T.....New York City
Weis, Walter M.....New York City
Wheeler, Irwin.....New Brunswick, N. J.
Whipps, William Osterhout.....Kalispell, Mont.
Winderman, Samuel D.....New York City
Zimmermann, Alphonse.....New York City

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JUNIORS—CLASS OF 1912

Adelstein, Michael.....New York City
de Agüero, Miguel Eduardo, Jr.....New York City
Ahearn, William Daniel.....New York City
Armstrong, Francis Tuttle.....New York City
Atkinson, Geoffroy.....New York City
Baker, James A., Jr.....New York City
Baker, Walter E.....New York City
Boas, Percy E.....New York City
Bosch, Ernest.....New York City
Brenner, Arthur Bearns.....New York City
Brill, Isidor C.....Portland, Ore.
Broderick, Edward Vincent.....Yonkers, N. Y.
Burr, Chauncey S.....New York City
Calahan, Harold Augustin.....New York City
Coffin, Lewis Augustus.....New York City
Colby, Elbridge.....New York City
Cummings, Arthur Roland.....New York City
Dwyer, Geoffrey James.....New York City
Ebeling, William Bruno.....New York City
Elsasser, Henry Wolfgang.....New York City
Fairbairn, Russell Arnold.....New York City
Finlayson, Frank Lathrop.....New York City
Fleck, Harry Deegan.....New York City
Fleischer, Emanuel M.....New York City
Forster, William.....Yonkers, N. Y.
Fox, Dixon Ryan.....Potsdam, N. Y.
Frank, Lawrence Kelso.....New York City
Furstenwaldé, Henry Curt.....New York City
Gerstein, Samuel Ralph.....New York City
Gerstle, Henry S.....New York City
Gluck, Edwin Lawrence.....New York City
Gray, William Alexander.....New York City
Griffith, Jones Greene.....Mayfield, Ky.
Grimm, Alfred John.....New York City
Griscom, Ludlow.....New York City
Grunow, William Ronald.....Waterbury, Conn.
Henle, James Henry.....New York City
Hill, Lester Sanders.....Cleveland, O.
Huang, Chen Sheng.....Tientsin, China
Isbell, Orrin Castle.....New York City
Jacques, Henri C.....New York City
Johnston, Henry Theodore.....Ishpeming, Mich.
Kemp, James Taylor.....New York City
Kerley, James Hoyt.....New York City
Ketchum, F. LeGrand.....New York City
Kinney, Warren.....Butler, N. J.

KOENIG, EGMONT LOUIS FRANCIS.....New York City
KOPELOFF, NICHOLAS.....New York City
KUHN, SAMUEL OPPENHEIM.....New York City
KUNZMAN, ISIDOR.....Plainfield, N. J.
KWAN, YAN CHO.....Canton, China
LEBENDIGER, ISRAEL.....New York City
LEE, WILLIAM MURRAY.....New York City
LEVINE, MAURICE.....New York City
LEVINSON, SAMUEL J.....New York City
LEVY, JOSEPH.....New York City
LEVY, LOUIS MARTIN.....New York City
LEIBLER, HAROLD B.....Riverside, Conn.
LIFF, JOSEPH.....New York City
LOBSENZ, HARRY LEON.....New York City
LOEB, LEONARD.....New York City
MACKEY, RICHARD JOSEPH.....Jersey City, N. J.
MACMAHON, ARTHUR WHITTIER.....Rutherford, N. J.
MARSHALL, GEORGE MILROY.....New York City
MARTIN, ALDEN CARL.....Reno, Nevada
MAUL, WILLIAM F.....New York City
MAURER, GEORGE LANE.....Yonkers, N. Y.
MAYER, MAX.....New York City
MEI, HUA-CHUEN.....New York City
MEISEL, CHARLES J. W.....New York City
MINSKY, HERBERT.....New York City
MOORE, ALEXANDER PARKS.....New York City
MURRAY, WILLIAM BUCKLEY, JR.....New York City
NORTHROP, JOHN.....Yonkers, N. Y.
NORTOR, KENNETH BERKLEY.....New York City
O'FLANAGAN, EDMOND.....New York City
O'SULLIVAN, THOMAS FRANCIS.....New York City
PADDOCK, EUGENE HIRAM, JR.....New York City
PARK, JOSEPH HENDERSHOT.....Port Murray, N. J.
PAYNTER, RICHARD HENRY, 3rd.....New York City
PETERS, ANDREW, JR.....New York City
PROX, CLAUS CARL HERRMANN.....New York City
REMSEN, WILLIAM.....New York City
RENWICK, WILLIAM W.....Marengo, Ill.
REYNOLDS, ROBERT JESSE.....Potsdam, N. Y.
ROGOW, CHARLES.....New York City
RUNGE, OTTO ERNEST.....New York City
SACHS, SAMUEL EZEKIEL.....New York City
SAPIRO, DAVID.....New York City
SCRATCHLEY, GEORGE KENNER.....Newark, N. J.
SELL, LEWIS LAZARUS.....New York City
SHEARS, LAMBERT A.....New York City
SHIRLEY, AMOS REGINALD.....New York City
SHREWSBURY, WILLIAM ERNEST.....New York City
SIFF, ALBERT LEON.....New York City
SMALE, WILLIAM P., JR.....New York City
SMITH, ALLAN HAMILTON.....Kingston, N. Y.
SMITH, AUGUSTUS CARLL, JR.....New York City
STANDERWICK, HARRY F.....New York City
STEARNS, WILBUR WATKINS.....Yonkers, N. Y.
STEEL, JAMES ALEXANDER, B.S. New Mexico Coll. Agri. & Mech. Arts 1908
Mesilla Park, N. M.

STURTEVANT, ALFRED HENRY, JR.....Kushla, Ala.
SWAIN, JOSEPH WARD.....Dillon, Mont.
THURLOW, LEWIS KELMOND, JR.....New York City
TOOKER, HAROLD CLIFTON.....Larchmont Manor, N. Y.
TRIMBLE, RUFUS JAMES.....Newark, N. J.
VALENSI, ALBERT.....New York City
VAN TINE, HAROLD.....New York City
WARD, DIEDERICH HANFELD.....New York City
WIMMER, JOHN DAVIDSON.....Minden, Neb.
WINDSOR, BURTIS NOBLE.....Hornell, N. Y.
WOODWELL, CAROLUS S.....Pomona, Fla.
YATES, MILES LOWELL.....Ilion, N. Y.
YOUNG, RALPH.....Newport, R. I.
ZIEGLER, WINFRED HAMLIN.....Detroit, Mich.
ZIGROSSER, CARL DANIEL.....Newark, N. J.
ZOLLER, HAROLD PINDAR.....New York City

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SOPHOMORES—CLASS OF 1913

AHEARN, THOMAS JAMES, JR.....New York City
ALEXANDER, HOWARD ROSS.....New York City
ALTSCHULER, REX BAINE.....Hackensack, N. J.
ANDERSON, HERBERT HAMPTON.....New York City
BAAR, EMIL N.....New York City
BACHRACH, DUDLEY JEROME.....New York City
BAILEY, WILLIAM BANCKER.....New York City
BAINTON, WILLIAM LEWIS.....New York City
BALL, DAVID SPENCER.....New York City
BARKER, HENRY MORGAN.....Newark, N. J.
BARR, SIMON.....New York City
BARRETT, GURNEE HINMAN.....New York City
BEEMER, JAMES GAGE, JR.....Yonkers, N. Y.
BERK, WILLIAM LEONARD.....New York City
BERNSTEIN, ALFRED.....New York City
BERNSTEIN, BENJAMIN.....New York City
BITTERMAN, ALBERT.....Yonkers, N. Y.
BLUESTONE, EPHRAIM MICHAEL.....New York City
BOKSHETSKY, MITCHELL ELI.....New York City
BOURNE, RANDOLPH SILLIMAN.....Bloomfield, N. J.
BRAMWELL, GEORGE MOFFAT.....New York City
BRIDGES, CALVIN BLACKMAN.....River Edge, N. J.
BROOKS, ARTHUR E.....New York City
BROCK, ARNOLD J.....New York City
BULLWINKEL, EDWARD JOHN.....New York City
BUNZL, JULIUS VICTOR.....New York City
BURKE, ARTHUR E.....New York City
BURSTEIN, ABRAHAM.....Cleveland, O.
BUTTERWORTH, GEORGE FORREST, JR.....New York City
CALDWELL, GEORGE DANFORTH.....Louisville, Ky.
CARROLL, JOSEPH WILLIAM.....New York City
CHAN, YEW YUNG.....Shanghai, China
CHIPKIN, ISRAEL SOLOMON.....New York City
CLYNE, HERBERT H.....New York City
COATES, ARCHIBALD A.....New York City
COLE, CHARLES A.....Montclair, N. J.
COLE, HARRY DIX.....New York City

Colp, Ralph.....New York City
Conway, Joseph Aloysius.....New York City
Cox, Wesley Cintra.....New York City
Culman, Frederick.....New York City
Dahman, Wallace W.....New York City
Darlington, Gilbert Sterling Bancroft.....Harrisburg, Pa.
Davis, Ansley George.....New York City
Dederick, William Milton.....Elizabeth, N. J.
DePew, Pierre Howell.....Nyack, N. Y.
Dickie, Douglas Perry.....New York City
Dingman, Norman McLeod.....New York City
Dinkelspiel, Leonard.....New York City
Dreisbach, Paul William.....Weehawken, N. J.
DuBois, Arthur M.....New York City
Eldridge, Seba.....Devon, N. C.
Engel, Gabriel.....New York City
Exstein, Myron Weisman.....New York City
Faas, Charles Thorne.....Great Neck, N. Y.
Feinsod, Elias.....New York City
Fike, Tracy Richard Vanderbilt.....New York City
Foote, James Wilford.....Elkland, Pa.
Ford, Russell Hews.....White Plains, N. Y.
Frech, Robert Hubert.....West Hoboken, N. J.
Fries, Julius Frederick.....New York City
Friou, George.....New York City
Gahagan, Andrew J.....Coushatta, La.
Geer, Francis Hunt.....New York City
Gibson, Kiliaen van Rensselaer.....Yonkers, N. Y.
Giden, Abraham Arthur.....New York City
Ginnell, William Shreve, Jr.....Garden City, N. Y.
Glover, Calvin Shearman.....New York City
Goldstein, Herbert Samuel.....New York City
Gottesman, Michael.....New York City
Greenberg, Hyman.....New York City
Griffin, Egbert B.....New York City
Griscom, Acton.....New York City
Hambidge, Gove Jay.....New York City
Handler, Nathaniel Edward.....New York City
Harris, Frank Tompkins.....New York City
Harris, Ralph Scott.....Birmingham, Ala.
Hartig, Siegfried.....New York City
Heard, Walter Scott.....New York City
Henderson, Harry Buck.....Cheyenne, Wyo.
Hendrick, Philip Edward, Jr.....Norwich, Conn.
Hewetson, Joseph Henry.....Bayonne, N. J.
Heyman, David Melville.....New York City
Hicks, Clarence J., Jr.....White Plains, N. Y.
Hirshleifer, Louis Anderson.....New York City
Hochstein, Louis Irving.....New York City
Holzman, Martin.....New York City
Houghton, Seymour Phillips.....New York City
Husted, Mills Hobbs.....Greenwich, Conn.
Hyman, Joseph C.....New York City
Iaason, Alfred Herbert.....New York City
Ingalls, Roscoe Cunningham.....New York City
Iserman, Harvey DeBaun.....New Hyde Park, N. Y.

JACKSON, SAMUEL LIPSTADT.....New York City
JACOBSON, BENJAMIN.....New York City
JAQUES, SANDFORD.....New York City
JESSUP, HENRY HUBERT.....New York City
KADISON, MILTON.....New York City
KAMAIKY, DAVID E.....New York City
KAPLAN, MICHAEL.....New York City
KETELS, LUTHER HENRY.....Newark, N. J.
KING, EMANUEL DAVID.....New York City
KING, ROBERT M.....New York City
KINNEY, MORRIS.....Butler, N. J.
KLEIN, EUGENE.....New York City
KLOSTER, WALTER JOSEPH.....New York City
KNOPF, ALFRED A.....New York City
LA DOW, STANLEY VAUGHAN.....New York City
LAHEY, WILLIAM STEWART.....Jersey City, N. J.
LEVINSON, NATHAN H.....New York City
LEVY, JEROME.....New York City
LEWIS, CLARENCE LESLIE.....New York City
LOGAN, WALLER.....New York City
LOWENSTEIN, ABRAHAM GABRIEL.....New York City
LUHMAN, CHESTER.....New Rochelle, N. Y.
MCCORMICK, JOHN KERNAN.....New York City
MCELVARE, GEORGE GERARD.....New York City
MCKEAN, ROBERT CLAYTON.....New York City
MACROSSIE, WILLIAM.....New York City
MALLORY, VIRGIL S.....New Durham, N. J.
MANN, JACOB.....New York City
MANNING, CLARENCE AUGUSTUS.....New York City
MARCUS, BERNARD K.....New York City
MARCUS, SIDNEY.....Buffalo, N. Y.
MAURICE, STEWART.....Mamaroneck, N. Y.
MEYER, CHARLES HARRISON.....New York City
MEYER, FENNIMORE.....Riverhead, N. Y.
MILHEISER, CLARENCE FREDERICK.....Galveston, Texas
MOHR, WALTER REICHHOLD.....New York City
MOOK, CHARLES CRAIG.....Metuchen, N. J.
MOON, PARKER LE ROY.....Yonkers, N. Y.
MOORE, CHARLES A.....Binghamton, N. Y.
MOSCOWITZ, HERMAN HEINRICH.....New York City
MULWITZ, JACOB.....Port Chester, N. Y.
NIGRIN, JAROSLAV VICTOR.....New York City
NORDLINGER, HENRY HAROLD.....New York City
OVERTON, JOHN ARTHUR.....New York City
PARDEE, IRVING HOTCHKISS.....New York City
PERLOWITZ, CHARLES.....New York City
PERSON, CHARLES WILLIAM.....New York City
PINCUS, SOL.....New York City
PITTS, ALFRED.....New York City
PODELL, JACOB.....New York City
POLHEMUS, GEORGE W.....Washington, D. C.
PORTER, FITZ JOHN.....New York City
PRICE, JOSEPH.....New York City
PROPPER, KARL.....New York City
PULLEYN, JOHN WILLIAM.....New York City
PYNE, WARNER C.....New York City

RANDOLPH, JOHN ANDERSON FITZ.....New York City
REED, LYNN POWERS.....New York City
REEDER, EDWIN HEWETT.....Hastings-on-Hudson, N. Y.
REUTTER, CHARLES ERNEST.....New York City
REUTTER, ROBERT HENRY.....New York City
ROBBINS, JAMES B.....Babylon, N. Y.
ROBINSON, FRANK WILLARD.....Long Beach, Cal.
ROBINSON, KARL DAVIS.....New York City
ROGERS, HARRY W.....Matteawan, N. Y.
ROOT, WILLIAM RAYMOND.....New York City
ROSE, ALBERT ANSON.....Syracuse, N. Y.
ROSENTHAL, WILLIAM JOSEPH.....New York City
ROTHENBERG, BENJAMIN.....New York City
ROTHSCHILD, JAY LEO.....New York City
ROTHWELL, AUSTIN SHERWOOD.....New York City
SACHS, SAMUEL.....New York City
SAXE, WILLIAM VOGEL.....New York City
SCHECHTER, FRANK ISAAC.....New York City
SCHEUER, SIMON H.....New York City
SCHLESINGER, LAURENCE ANTHONY.....New York City
SELIG, SOLOMON.....New York City
SELLEW, WALDO WHITE.....New York City
SHANKS, NATHAN.....New York City
SHAPIRO, ISADORE.....Cleveland, O.
SHELLEY, HENRY VOGEL, JR.....New York City
SHIBLEY, GERALD SPENCER.....New York City
SINCLAIR, RALPH HANDS.....New York City
SKIPP, FRANCIS EDWIN.....New York City
SLOSSON, PRESTON WILLIAM.....New York City
SMALLHEISER, ALBERT LEE.....New York City
SMITH, ALAN DE FOREST.....New York City
SPOONER, MALCOLM GRAEME.....Brookfield, N. Y.
SPRINGER, ALLAN PAUL.....New York City
STAUBITZ, HENRY CHARLES.....Jersey City, N. J.
STEARNS, GEORGE RAYNOLDS, JR.....Buffalo, N. Y.
STECKLER, EDWARD LOUIS.....New York City
STEINHARDT, LAURENCE A.....New York City
STERN, ARTHUR NATHAN.....New York City
STIEFEL, WALTHER ALBERT.....South Orange, N. J.
STOREY, JOHN ANDREW, JR.....Indianola, Ia.
STRANG, BENJAMIN BERGEN.....New York City
SULZBERGER, ARTHUR HAYS.....New York City
SWAZEY, EDWARD SCOTT.....San Antonio, Texas
TANZOLA, VINCENT.....New York City
TIMMONS, WILLIAM JUDSON.....Texline, Texas
TISHMAN, LOUIS.....New York City
TRAGITT, HORATIO N.....Mt. Vernon, N. Y.
TRAUSIL, OTTO JOHANNES.....New York City
WACK, WILLIAM HERMAN.....Grantwood, N. J.
WATERBURY, CHARLES HAROLD.....Mamaroneck, N. Y.
WATSON, THOMAS H., JR.....New York City
WEEKS, HUGH.....New York City
WEILL, MILTON.....New York City
WEINER, STANLEY FELIX.....New York City
WHITE, WALLACE.....New York City
WHITLOCK, BACHE MCEVERS.....New York City

WILSON, JAMES PERRY.....Newark, N. J.
WILSON, SINCLAIR JOSEPH.....New York City
WOHLFEIL, LEO BAYARD.....New York City
WYE, TOM SHEW.....Canton, China
YONTEFF, DAVID HENRY.....Newark, N. J.
ZUKERMAN, DAVID.....New York City

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FRESHMEN—CLASS OF 1914

ADLER, HAMILTON.....New York City
AGNEW, GORDON G.....Cincinnati, O.
ALBERT, MORTON.....Elmira, N. Y.
ALLEN, RALPH BERGEN.....Manhasset, N. Y.
ALLISON, MILTON MYERS.....Ingram, Pa.
ALTENBERG, LEB.....New York City
D'AMATO, ORLANDO.....New York City
AVERY, WALTER.....New York City
BAER, STERLING.....New York City
BAGG, HALSEY JOSEPH.....New York City
BARNES, FRANK EDWARD.....Pownal, Vt.
BARTH, ERNEST ALBERT.....New York City
BECKWITH, ALBERT JACOB.....New York City
BEIDLEMAN, FRED ALLEN.....New York City
BELL, ALFRED LEE LOOMIS.....Englewood, N. J.
BENDER, RAYMOND CASPAR.....Elizabeth, N. J.
BERLINER, IRWIN M.....New York City
BERNHEIM, ALFRED L.....New York City
BERNSTEIN, BERNARD.....New York City
BERNSTEIN, LOUIS.....New York City
BHADKAMKAR, PURUSHOTTAM P.....Sataru City, India
BIRD, J. MALCOLM.....New York City
BLACKWELL, JAMES MADISON.....New York City
BLAUVELT, HOWARD G.....Nyack, N. Y.
BOBBÉ, SIDNEY SAMUEL.....New York City
BONVICINO, LOUIS ANTHONY.....New York City
BOTSFORD, J. BARRELT.....Mt. Vernon, N. Y.
BRAUS, LEON.....New York City
BRENNECKE, HENRY CARL.....New York City
BROCK, RAYMOND ELLIOTT.....St. Louis, Mo.
BROWN, CYRIL JAMES.....Great Neck, N. Y.
BROWN, FRANK J.....New York City
BUCHTENKIRCH, GEORGE CHARLES.....New York City
BUTHER, CHARLES ALLEN.....New York City
CAMEN, SAMUEL.....New York City
CAMPBELL, WILLIAM MONTGOMERY.....New York City
CESARIO, FRANK.....Port Chester, N. Y.
CHANG, PENG CHUN.....Tientsin, China
CHAPIN, WARREN BLANCHARD.....New York City
CHAPMAN, ROBERT FLETCHER.....New York City
CHASE, CHARLES H.....Julesburg, Colo.
CLARKE, JOHN VICTOR.....New York City
CLASS, JOHN LYONS.....New York City
COHEN, DAVID.....Messena, N. Y.
COHEN, SAMUEL.....New York City
COHN, CLARENCE.....New York City
COOPER, MORRIS, JR.....New York City

Corrigan, Michael Augustine ..... New York City
Corwin, Hilary E. ..... Huntington, N. Y.
Coykendall, Glenn Brown ..... New York City
Crampton, William DeWitt, Jr. ..... Naugatuck, Conn.
Crane, Albert Loyal ..... New York City
Crouze, Herman Paul ..... New York City
Curry, Vincent Edward ..... Hydepark-on-Hudson, N. Y.
Danzig, Samuel ..... New York City
Demuth, Frank Wolf ..... New York City
Dickenson, Herbert C. ..... Irvington-on-Hudson, N. Y.
Disesa, Nicholas D. ..... New York City
Downes, Elliott Hawkridge ..... New York City
Dwight, Ben H. ..... Durant, Okla.
Egbert, Lester Darling ..... New York City
Ernst, Herman ..... East Orange, N. J.
Eskolsky, Morris Julius ..... New York City
Fisher, Henry Lape ..... New York City
Farrell, Harry Joseph ..... New York City
Fichter, William Leopold ..... New York City
Fine, Nathan ..... New York City
Folkoff, Meyer Caspar ..... New York City
Frey, Ottmar Widekind Rudolf ..... Newark, N. J.
Friedrich, Charles H. S. ..... New York City
Garry, Louis S. ..... New York City
Gates, Wilton J. ..... Nyack, N. Y.
Gerson, Bernard Felix ..... Montgomery, Ala.
Gibson, Charles Raymond Curley ..... Yonkers, N. Y.
Gill, Dalip Singh ..... Budhsughwala, India
Goodsell, John Sleight ..... New York City
Gordon, Frank Abraham ..... Elizabeth, N. J.
Gottlieb, Bernard ..... New York City
Grafton, Horace Kirby ..... New York City
Graham, Alvin Liddon ..... New York City
Green, Albert Asher ..... New York City
Greenberg, David ..... New York City
Greenberg, Jacob ..... New York City
Gregg, William Burr ..... Hackensack, N. J.
Griffen, Richard Field ..... New York City
Haaren, Arthur Haman ..... New York City
Haines, Dallas Way ..... New York City
Hale, Richards ..... New York City
Halsted, John P. ..... New York City
Hammer, Robert ..... New York City
Harris, Emanuel Knight ..... New York City
Hassinger, Philip E. ..... New York City
Hauben, Louis ..... New York City
Haughwout, Frank Goddard ..... New York City
Hearn, Cornelius ..... New York City
Henriques, Charles Ransom ..... Yonkers, N. Y.
Herbert, William H. ..... New York City
Herrlich, William L. ..... New York City
Hersey, Charles Addison ..... Yonkers, N. Y.
Hess, Gerald S. ..... New York City
Hildenbrand, John, Jr. ..... New York City
Hillas, Roland Alexander ..... West Hoboken, N. J.
Hirsch, Frederick B. ..... New York City

HIRSCHCOPF, PINCUS ..... New York City
HOFFMANN, ALBERT S ..... New York City
HOLLMANN, RICHARD FILSNER ..... New York City
HOLZWORTH, JOHN M ..... New York City
HOTCHKISS, RAYMOND BELL ..... New York City
HOUSE, NATHAN ..... New York City
HULL, MAURICE C ..... Danbury, Conn.
HYMAN, MAXWELL ..... New York City
INGALLS, FREDERICK WILSON ..... New York City
JÄGENDORF, MORITZ ADOLF ..... New York City
JALKUT, SYDNEY STERN ..... New York City
JENSEN, ERIK LEONHARD ..... New York City
KAUFFMAN, HENRY ..... Hackensack, N. J.
KAUFMAN, SAMUEL ..... Newark, N. J.
KEMP VAN EE, JOHN CHARLES, JR ..... New York City
KERR, DAVID RENWICK ..... New York City
KNAPP, CHARLES MERRIMAN ..... New York City
KNUTH, HARVEY GREY ..... Newark, N. J.
KONARSKI, MICHAEL MIECRZSLAW ..... New York City
KOTTEK, HERBERT ..... New York City
KROLFIFER, JULIUS FREDERIC ..... New York City
KROLL, ABRAHAM ..... New York City
KRUG, CARL ..... New York City
KUHN, ISADORE ..... New York City
LACORTE, SALVATORE FRANCIS ..... Elizabeth, N. J.
LAGUARDIA, GARIBALDI ..... New York City
LASHER, JOHN KENNEDY, JR ..... Yonkers, N. Y.
LASHER, WILLIS W ..... Germantown, N. Y.
LAWRENCE, RUSSELL JOHN ..... New York City
LAZERUS, JOSEPH ..... New York City
LEGGETT, THOMAS HAIGHT, JR ..... Plainfield, N. J.
LEVY, HERBERT A ..... New York City
LI, CHIEN LUAN ..... Techow, China
LINTZ, JOSEPH ..... New York City
LIPSCHULTZ, JACOB ..... New York City
LITTLE, JOHN THEODORE ..... New York City
LORENTZ, MILTON ..... New York City
LYNCH, JAMES A., JR ..... New York City
MCCALLUM, JAMES DOW ..... West Nutley, N. J.
MCCLATCHY, CARLOS KELLY ..... Sacramento, Cal.
MCELVARE, ROWLAND ROBBINS ..... New York City
MCGOLRICK, JAMES EDWARD ..... New York City
MCNULTY, DONALD STUART ..... New York City
MACROSSIE, ALLAN ALBERT ..... New York City
MA, TSUN SHING ..... Hong Kong, China
MAGNETTE, JULES, JR ..... Newark, N. J.
MANDEL, AMBROSE JOSEPH EDWARD ..... New York City
MANDL, MAX MACBETH ..... New York City
MARION, PIERRE ..... Bayonne, N. J.
MARTIN, WINTHROP ..... New York City
MATHESON, GEORGE WINTHROP ..... New York City
MATHEWS, WILLIAM ELMER ..... Potsdam, N. Y.
MILBANK, ROBERT WATKENSON ..... New York City
MILLER, HAROLD WHARTON ..... New York City
MINOR, JAMES HENRY ..... Plainville, Conn.
MOORE, WALTER VAN OLINDA ..... New York City

Moskowitz, David H.	New York City
Murphy, George Bernard	New York City
Nankin, Isaac	New York City
Newcomb, Henry Fields	New York City
Nielsen, Lawrence Henry	New York City
Nolan, James Francis	Yonkers, N. Y.
Nyland, Frederic Charles	Glen Ridge, N. J.
O'Brien, John	New York City
O'Connell, Eugene Rossmore	New York City
Oelrichs, Hermann	New York City
O'Keeffe, Samuel	New York City
Palmer, Roger	New York City
Parsons, James Otis	New York City
Peterson, Chester William	New York City
Phipps, Francis Harloc	Mt. Vernon, N. Y.
Pistner, Bernard	New York City
Pittaro, John Michael	New York City
Potter, Frederick A.	Ossining, N. Y.
Purdy, James Howard	New York City
Reichman, Robert	New York City
Reilly, Howard Wright	New York City
Rice, Hugh	Madison, N. J.
Riggs, Benjamin Reath	Philadelphia, Pa.
Rodriguez, Manuel	New York City
Rohrs, George Carlton	New York City
Roseff, Alexander	Mamaroneck, N. Y.
Rosenblatt, William	New York City
Rosenblüth, Milton Benjamin	New York City
Rosenthal, Harry Morris	New York City
Roth, Solo	New York City
Rothschild, Jay Leo	New York City
Rothwell, Albert Cyril	New York City
Rubin, Samuel	New York City
Rudolphy, Jay Besson	Hoboken, N. J.
Sage, Edward Woolston	New York City
Samuel, Milton	Bayonne, N. J.
Samuels, Archie Hadry	New York City
Samuels, Milton M	New York City
Sanders, Theodore M	New York City
Sandhusen, Louis Henry	New York City
Schrenkeisen, Frank Gillman	Mamaroneck, N. Y.
Scott, Peter Alfred	New York City
Seely, Charles Ralph	Elmira, N. Y.
Setchanove, Radoslav John	Sofia, Bulgaria
Seymour, Walter Greene	Newark, N. J.
Shalleck, Joseph	New York City
Shapiro, Abraham	Bayonne, N. J.
Shaw, Charles Greene, Jr.	New York City
Shaw, Frank Dunlap, 2d	New York City
Siemon, William Stanley	Wilkinsburg, Pa.
Simon, Henry	New York City
Singer, Anton	West Hoboken, N. J.
Slater, Alexander	New York City
Smith, Irving D.	New York City
Smith, Sol	New York City
Smith, Wesley L.	Baldwin, N. Y.

SMITHERS, ADELBERT F.....New York City
SMYTH, HENRY GODFREY.....Englewood, N. J.
SMYTHE, FRANK WARD.....Memphis, Tenn.
SOMERVILLE, RANDOLPH.....Oneonta, N. Y.
SOSIN, LOUIS.....Perth Amboy, N. J.
SPENCE, PHILIP SUMNER.....New York City
SPENCER, EDGAR BURR.....New York City
STABLEFORD, RICHARD GORDON.....New York City
STANTON, JAMES ROBERT WESLEY.....Hoboken, N. J.
STEARNS, RALPH.....New Rochelle, N. Y.
STERN, HERBERT JAMES.....New York City
STRAUSS, IRWIN D.....Holyoke, Mass.
SUTLIFF, EDWARD HARRISON.....New York City
TALL, STANLEY BROUGHTON.....Baltimore, Md.
TANNER, WILLIAM FAY.....Wolcott, N. Y.
TAYLOR, EDWIN LYLES.....Mobile, Ala.
THURSBY, SHERMAN.....Mt. Hope, N. Y.
TITLAR, RALPH SHERWOOD.....Ossining, N. Y.
TITUS, RANDOLPH PAGE.....Washington, D. C.
TONKONOGY, GEORGE, JR.....New York City
UNDERHILL, EDWARD MARVIN.....Fishkill, N. Y.
UNTERMYER, EUGENE MAURICE.....New York City
VALENTINE, IRVING.....New York City
VALENTINE, KENNETH.....New York City
VAN BUREN, MAURICE P.....New York City
VAN DYCK, VEDDER.....Bayonne, N. J.
VAN GAASBEEK, HAROLD C.....Kingston, N. Y.
VON HOFE, GEORGE D., JR.....New York City
VOORHEES, WILLIAM DE FORREST.....New York City
VOORHIES, JAY.....New York City
WATKINS, WALTER KENNETH.....New York City
WATSON, CUTHBERT MELROSE.....West New York, N. J.
WEBB, GEORGE RAYMOND.....Buffalo, N. Y.
WEBER, HENRY WILLIAM.....New York City
WEED, LOWREY ALBERT.....Hillsdale, N. J.
WEINSTEIN, ALEXANDER.....New York City
WEISKOTTEN, HERBERT THEBERATH.....New York City
WELLENKAMP, JOHN HENRY.....New York City
WELLS, CLARENCE L.....New York City
WEST, WILLIAM LAURENCE.....New York City
WHELAN, FRANCIS RAYMOND.....New York City
WILLIAMS, BRYANT WALDO.....Buffalo, N. Y.
WILLSON, BARTLETT RICH.....Albany, N. Y.
WILMOT, ARTHUR MONTGOMERY.....Middleport, N. Y.
WILSON, JAMES.....Jersey City, N. J.
WILSON, WILLIAM SATTERLEE.....New York City
WISE, HERBERT ALVIN.....New York City
WOLK, ABRAHAM.....Pittsburgh, Pa.
WONG, HIN.....Kwang Tung, China
WORTHINGTON, JOSEPH EDWARD, JR.....East Orange. N. J.
WURM, CARL BERNARD.....New York City
ZEMAN, FREDERIC DAVID.....New York City
ZVIRIN, EMIL.....Larchmont, N. Y.

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NON-MATRICULATED STUDENTS

BAKER, WILLIS P.....Cranford, N. J.

BELLINGER, WILLIAM H. ..... New York City
BEMAN, LOUIS ..... New York City
BERTRAND, HERBERT ..... Mt. Arlington, N. J.
BUSH, ABRAHAM M. ..... New York City
BYRNE, JOHN FRANCIS ..... New York City
CATTELL, MCKEEN ..... Garrison, N. Y.
CHENEY, GUY ARTHUR ..... Morrisville, Vt.
COTTER, LAWRENCE HENRY ..... Poughkeepsie, N. Y.
DILLS, DUANE R. ..... Scranton, Pa.
EMMERICH, WILLIAM ..... New York City
ESPINOSA, PAUL R. ..... Pamama City, C. A.
HANSEN, POLYCARP M., A.B. St. John's Univ. 1906 ..... New York City
HUANG, CHEN-HUA ..... Tientsin, China
JACKMAN, LEICESTER ..... New York City
KEIL, GUENTER ..... Flushing, N. Y.
KILBORN, ORSON ..... New York City
LAURENCE, ROBERT ..... Flushing, N. Y.
LIPMAN, IRVING ..... Bayonne, N. J.
LOWE, RUSSELL ..... Woodland, Cal.
LUM, SAMUEL CLARK, JR ..... Elizabeth, N. J.
NOONAN, RAYMOND L. ..... New York City
PULLEN, FREDERICK, J. ..... New York City
QUEALY, JAY A. ..... Kemmerer, Wyo.
RUBIN, MAX ..... New York City
SAFFORD, WARREN C. ..... Spring Valley, N. Y.
SCHIEL, WALTER E. ..... Deer Park, N. Y.
SPARKS, THOMAS AYRES ..... New York City
SPENCER, HARRY LEE ..... Waco, Texas
STEWART, JASPER B. ..... New York City
TURPIN, EDGAR ..... New York City
VOS, JULIAN ..... New York City
WELSH, FRANCIS DE SALES ..... South Amboy, N. J.

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The following matriculated students in the College attended the Summer Session of 1910, but did not register in the College for the first term of the Academic year 1910–1911. Those whose names are marked * received their degrees in October, 1910; those whose names are marked † have registered under another faculty.

† ADLMAN, SIDNEY
*† BIEBER, PAUL D.
DAVIDSON, LOUIS S.
† DOWNING, GEORGE S.
FLEISCHMAN, LEON S.
*† FRERICHS, ERNEST V.
*† HARTUNG, ERNEST W.
*† HENDERSON, HAROLD G.
† HOWELL, RALPH W.
JOSEPH, PASCAL I.
KAPLAN, JULIUS
*† KETCHUM, ROLAND S.
LAMBERT, WILLIAM
† MAHON, ROBERT V.
SCHECHTER, DAVID G.
† SCHWARTZ, EDWARD E.
THOMAS, PAUL B.

SUMMARY

Candidates for Degrees:	
Seniors—Class of 1911	100
Juniors—Class of 1912	117
Sophomores—Class of 1913	212
Freshmen—Class of 1914	267
Non-Matriculated Students	33
Total	729

SCHOOL OF LAW

The Faculty

President Butler		Professor Moore
Professor Burgess		Professor Canfield
Professor Smith		Professor Redfield[1]
Professor Goodnow		Professor Terry
Professor Burdick		Professor Abbott
Professor Kirchwey	Dean Stone	Professor Guthrie

Mr. Dorr — Mr. Reynolds — Mr. Whitaker

Officers of the Faculty

Professor Stone.....*Dean and ex-officio Member of the University Council*
Professor Redfield.....*Secretary*
Professor Redfield (*Term expires* 1911).....*Elected Delegate to the University Council*
Professor Burdick (*Term expires* 1912)..... *Elected Delegate to the University Council*

PURPOSES OF THE SCHOOL

The design of the School of Law is to afford a thorough, practical, and scientific education in the principles of: The common and statute law of the United States. The English and American system of equity jurisdiction. The public law of the United States and Europe. The Roman law—ancient and modern. Theoretical and comparative jurisprudence.

REQUIREMENTS FOR ADMISSION

All applicants for admission must present satisfactory evidence of good moral character.

Graduates of colleges and scientific schools in good standing are admitted without examination. Except as provided on p. 197, all persons other than such graduates must present satisfactory evidence of preliminary training equivalent to that of a full college course.

To Advanced Standing

Students complying with the above requirements for admission to

[1] Absent on leave second half-year.

the School, who have, in addition, successfully pursued the study of law for at least a year in an approved law school, may, on giving satisfactory evidence of proficiency in the studies of the first year, be admitted to advanced standing as members of the second-year class.

No one will be admitted to advanced standing beyond the second year except by special vote of the Faculty.

The examinations for advanced standing cover all the work previously done by the class to which admission is sought, and are held at the end of the academic year and during the week preceding the opening of the fall term. Examinations may be dispensed with and credit given on certificate for courses satisfactorily completed in an approved law school in cases where such courses are deemed by the Faculty equivalent to the corresponding courses given in this school.

Duly qualified persons not candidates for the degree of LL.B. may be admitted as non-matriculated students on presenting such evidence as the Faculty may require of their exceptional fitness to undertake with advantage the study of law. Applicants should have at least three years of College or Law School work to their credit and must be at least twenty-one years of age.

Non-matriculated students who have been members of the School for at least two years may become eligible for the degree if they shall have attained an average of B in all the work prescribed therefor.

PROGRAM OF STUDIES

First Year

CONTRACTS—Keener's Cases on Contracts. 4 hours. Professor TERRY

CRIMINAL LAW—Beale's Cases on Criminal Law. 3 hours, first half-year. Professor STONE

AMERICAN CONSTITUTIONAL LAW, I—Guthrie's Cases on Constitutional Law; Thayer's Cases on Constitutional Law; McClain's Cases on Constitutional Law (2d ed.). 1 hour, first half-year. Professor GUTHRIE

ELEMENTS OF LAW—Lectures and Selected Readings. 3 hours, first half-year. Professor MUNROE SMITH

PLEADING AND PRACTICE—Ames's Cases on Common Law Pleading; Perry on Common Law Pleading. 3 hours, first half-year. Professor REDFIELD

REAL AND PERSONAL PROPERTY—Kirchwey's Readings in Real Property; Gray's Cases on Property, vol. 1 (2d ed.). 4 hours, second half-year. Professor KIRCHWEY

TORTS—Burdick's Cases on Torts (3d ed.); Burdick on Torts. 4 hours, second half-year. Professor BURDICK

Second Year

*Admiralty—Ames's Cases on Admiralty. 2 hours, first half-year. Mr. Dorr

Agency—Wambaugh's Cases on Agency. 3 hours, first half-year. Mr. Reynolds

Carriers—Beale and Wyman's Cases on Public Service Companies. 3 hours, second half-year. Mr. Reynolds

*Bankruptcy and Insolvency—Williston's Cases on Bankruptcy. 2 hours, first half-year. Mr. ——

*Damages—Beale's Cases on Damages. 2 hours, second half-year. Professor Abbott

†Domestic Relations—Woodruff's Cases on Domestic Relations. 2 hours, first half-year. Professor Abbott

Equity—Ames's Cases on Equity, vols. I and II. 3 hours, first half-year. Professor Abbott

†Insurance—Wambaugh's Cases on Insurance. 2 hours, first half-year. Mr. Dorr

Negotiable Paper—Ames's Cases on Bills and Notes. 3 hours, second half-year. Professor Burdick

Pleading and Practice—Redfield's Cases on Code Pleading and Practice; Thompson's Cases on Equity Pleading and Practice; New York Code of Civil Procedure. 4 hours, first half-year. Professor Redfield

Quasi-Contracts—Scott's Cases on Quasi-Contracts. 3 hours, second half-year. Professor Abbott

Real and Personal Property—Gray's Cases on Property, vols II (2d ed.) and III (2d ed.). 2 hours. Professor Kirchwey

Sales of Personal Property—Burdick's Cases on Sales (2d ed.). Burdick on Sales (2d ed.). 3 hours, first half-year. Professor Burdick

Trusts—Ames's Cases on Trusts. 3 hours, second half-year. Professor Stone

American Constitutional Law, II—McClain's Cases on Constitutional Law (2d ed.). 2 hours. Professor Goodnow

Institutes of Roman Law—3 hours, first half-year. Professor Munroe Smith

Third Year

Corporations—Keener's Cases on Corporations. 2 hours. Professor Canfield

* Omitted in 1910–11. † Omitted in 1911–12.

EQUITY—Ames's Cases on Equity, vols. I and II. 3 hours, first half-year. Professor STONE

EVIDENCE—Thayer's Cases on Evidence (2d ed.). 4 hours, first half-year. Professor KIRCHWEY

TRIAL EVIDENCE—1 hour, second half-year. Mr. DORR

MORTGAGES—Kirchwey's Cases on Mortgages. 3 hours, second half-year. Professor STONE

PARTNERSHIP—Burdick's Cases on Partnership; Burdick on Partnership (2d ed.). 3 hours, first half-year. Professor BURDICK

PLEADING AND PRACTICE—Redfield's Cases on Code Pleading and Practice; New York Code of Civil Procedure. 3 hours, first half-year. Professor REDFIELD

REAL AND PERSONAL PROPERTY—Gray's Cases on Property, vols. V and VI. 2 hours. Professor ABBOTT

SURETYSHIP—Ames's Cases on Suretyship. 2 hours, second half-year. Professor ABBOTT

TRUSTS AND PERPETUITIES—Under the Revised Statutes of New York. 2 hours, second half-year. Professor CANFIELD

WILLS AND ADMINISTRATION—Gray's Cases on Property, vol. IV (2d ed.). 3 hours, second half-year. Professor STONE

CONFLICT OF LAWS—Beale's Cases on the Conflict of Laws. 1 hour. Professor MOORE

HISTORY OF EUROPEAN LAW—3 hours, second half-year. Professor MUNROE SMITH

INTERNATIONAL LAW—Moore's Digest of International Law. 2 hours. Professor MOORE

MODERN CIVIL LAW—3 hours, second half-year. Professor MUNROE SMITH

MUNICIPAL CORPORATIONS—Abbott's Cases on Public Corporations; Smith's Cases on Municipal Corporations. 2 hours, second half-year. Professor GOODNOW

LAW OF OFFICERS—Goodnow's Cases on the Law of Officers. 2 hours, first half-year.

*LAW OF TAXATION—Goodnow's Cases on Taxation. 2 hours, first half-year. Professor GOODNOW

THE CURRICULUM

Degree of Bachelor of Laws

The required work for the degree of Bachelor of Laws consists of 74 points, and covers a period of three years. Each point represents the

*Omitted in 1910–11.

satisfactory completion of work requiring attendance one hour a week for one half-year. No student may take less than twelve nor more than fourteen points in any half-year without the consent of the Dean.

The work of the first year is prescribed. All the courses of the second and third years are elective. Courses not taken in the second year may be elected as a part of the work of the following year, but third-year courses will not in general be open to second-year students. A few courses are given only in alternate years; these may be taken both by second- and third-year students.

Registration is limited to courses taken for a degree, and students will be held responsible for the satisfactory completion of all courses for which they are registered.

The work selected by a law student is subject in every case to the approval of the Dean.

Degree of Master of Laws

For the degree of Master of Laws, 52 hours of work in public and private law are required, at least 18 hours of which must be taken in the fields of public law, general jurisprudence, and Roman law. These requirements can usually be satisfied in four years of residence. Holders of the LL.B. degree from Columbia University, or of a legal degree accepted as equivalent thereto, can usually qualify for the higher degree in one additional year of residence.

Examinations

Written examinations are held at the end of each academic year on the subjects of that year, and on the subjects of the first and second years during the week preceding the opening of the academic year.

All students, whether matriculated or non-matriculated, must, unless excused by the Dean, present themselves for examination in all the subjects for which they are registered at the first examination held therein, and, in case of excuse from any examination, must take the next examination offered in such subject. Students are not permitted to take examinations in courses for which they are not regularly registered.

At all stated examinations the standing of students will be indicated by the letters A, B, C, D, and F, representing *Excellent*, *Good*, *Fair*, *Poor*, and *Failure*, respectively. These grades will be part of the record of the students in the office of the Registrar and will be reported to them as soon as possible after each examination.

No student is admitted to the second-year class who is deficient in more than four hours of the work of the first year. No student will be admitted to the third-year class who is deficient in any subject of the first year or in more than one full course or in more than two half-year courses of the second year.

No student failing in any subject will be permitted to take a second examination therein without having again taken the course in which such failure occurred, nor will any student failing a second time in any subject be allowed to continue in the School except by special vote of the Faculty.

No special examinations are given.

Not more than one full course nor more than two half-year courses in which the student receives a mark of D may be counted toward a degree in any one year.

No student failing in any subject on the final examination of his class will be admitted to the degree unless within two years of such failure he presents himself for re-examination and receives a mark of C, at least, therein.

Scholarships and Prizes

(See page 434)

Fees

(See page 39)

Law Library

The law library has been greatly extended and improved, and now consists of upwards of 35,000 volumes which have been carefully selected to meet the wants of students. It is especially rich in American, English, and British Colonial reports. In addition extensive collections of works relating to international, public, and Roman law are shelved in close proximity to the books on private law.

REGISTER OF STUDENTS

School of Law

THIRD YEAR—CLASS OF 1911

ACKERMAN, SAUL BERNARD, B.S. C. C. N. Y. 1908 ..... New York City
ALLEN, JAMES ARTHUR, A.B. Baker 1908 ..... Chanute, Kans.
ANDERSON, FREDERICK DYER, A.B. Colorado 1909 ..... Denver, Col.
APPEL, ALEXANDER, B.S. 1909 ..... New York City
BAGNELL, ROBERT HAROLD, A.B. ..... New York City
BELL, STEPHEN M., C.E. Rensselaer Poly. 1903 ..... New York City
BERGE, FREDERIC OTTO, B.S. 1909 ..... Tampico, Ills.
BIGLOW, HORATIO L., JR., A. B. Yale 1908 ..... New York City
BIJUR, HARRY, A.B. 1908 ..... New York City
BISSELL, CLIFFORD HERSHEY, A.B. Yale 1908 ..... New York City
BLINN, OSCAR S., A.B. 1909 ..... New York City
BOWLING, OTHO SAMUEL, A.B. Denver 1908, A.M. 1909 ..... New York City
BREITENFELD, EMIL, A.B. 1909 ..... New York City
BRIZZOLARA, JOHN, A.B. Arkansas 1908 ..... Fort Smith, Ark.
BRUBAKER, MAURICE H., A.B. Wabash 1908 ..... Columbia City, Ind.
BYARD, J. KENNETH, A.B. Williams 1908 ..... Flycreek, N. Y.
BYERS, WILLIAM E., A.B. Marietta 1908 ..... Broadwell, O.
CALHOUN, ORVILLE GIBERT, A.B. Wofford 1907 ..... Willington, S. C.
CAMPBELL, COLIN JOSEPH ..... Cherryfield, Me.
CHANALIS, MICHAEL NELSON, A.B. 1909 ..... New York City
CHASE, LOUIS ALBERT, Ph.B. Yale 1898 ..... Plainfield, N. J.
CHURCH, IRVING WASHINGTON, A.B. Lawrence 1906 ..... Menomonee Falls, Wisc.
CONKLING, ROSCOE S., A.B. Amherst 1908 ..... Newburgh, N. Y.
CONTENT, HAROLD AUGUSTUS, A.B. 1909 ..... New York City
COPELAND, RALPH, A.B. 1909 ..... New York City
CORBETT, FREDERICK JOSEPH CLEMENT, B.S. Trinity 1908 ..... Hartford, Conn.
CUTTING, VICTOR WILLARD, A.B. 1908 ..... New York City
DEAN, FRANCIS, A.B. Harvard 1907 ..... Stamford, Conn.
EASTMAN, WILLIAM, A.B. 1908 ..... Roslyn, N. Y.
EPSTEIN, LEWIS, A.B. 1909 ..... New York City
FISH, SIDNEY WEBSTER, A.B. Harvard 1908 ..... New York City
FORTINASH, PASCAL JOSEPH, B.S. 1910 ..... New York City
FRAENKEL, OSMOND KESSLER, A.B. 1907, A.M. 1908 Harvard ..... New York City
FREEDMAN, ABE, Ph.B. Baylor 1908 ..... Waco, Texas
GLENN, WILLIAM LOUIS, A.B. Virginia 1908 ..... New York City
GOLDSMITH, WALTER MAYER, A.B. Cornell 1909 ..... New York City
GRIFFIN, PERCY FRANK, A.B. 1909 ..... New York City
GUILFOIL, PAUL HAYES, A.B. Trinity 1908 ..... Hartford, Conn.
HARLAM, ELWOOD JULES, A.B. 1908 ..... New York City
HARTMAN, SIEGFRIED FRISCH, B.S. C. C. N. Y. 1908 ..... New York City
HENNIS, JOHN ROBERTSON, A.B. St. Francis 1907 ..... New York City
HENRY, LEWIS, A.B. Cornell 1909 ..... Elmira, N. Y.
HERSHENSTEIN, CHARLES, A.B. 1909 ..... Jersey City, N. J.
HERSHENSTEIN, SAMUEL ..... Jersey City, N. J.

HERTS, HAROLD HENRY, A.B. 1908 ..... New York City
HESS, MORTIMER HENRY, A.B. 1908 ..... New York City
HIGGINS, FREMONT AMASA, A.B. 1908 ..... New York City
HIGH, LESLIE STEPHEN, A.B., A.M. Brown 1908 ..... Providence, R. I.
HITE, GEORGE EDGAR, II, A.B. Williams 1908 ..... White Plains, N. Y.
HOLMES, LINDSAY DUNCAN, A.B. Williams 1908 ..... Elmira, N. Y.
HOLTZOFF, ALEXANDER, A.B. 1908 ..... New York City
HOUGHTON, JAMES K., A.B. Wooster 1908 ..... Hamilton, Mo.
HUNTER, RICHARD CHARLES, A.B. Nebraska 1909 ..... Andrews, Neb.
JACOBS, WILLIAM ALFRED, A.B. Vanderbilt 1906 ..... Bell Buckle, Tenn.
JOHNSON, HALLETT, A.B. Williams 1908 ..... South Orange, N. J.
JOHNSON, HARDING, Litt. B. Princeton 1908 ..... New York City
KELLOGG, ASA BIGELOW, A.B. C. C. N. Y. 1908 ..... New York City
KELLY, EUGENE EDMUND, A.B. 1909 ..... New York City
KIRCHWEY, KARL WENDELL, A.B. Yale 1908 ..... New York City
KONTA, GEOFFREY, A.B. Yale 1908 ..... New York City
LANGSTAFF, BRIDGEWATER MEREDITH, A.B. Harvard 1908 ..... New York City
LEISSNER, EDWARD ..... New York City
LEVINE, OSCAR, B.S. 1909 ..... New York City
LIVENGOOD, LESTER MILES, B.L. Whitman 1908 ..... Walla Walla, Wash.
LOVE, GEORGE STROMAN, A.B. Princeton 1907 ..... York, Pa.
MCCHRISTIE, JOHN CLIFFORD, A.B. Fordham 1908 ..... New York City
MCCOUN, FREDERIC H., JR., A.B. 1909 ..... New York City
MCLAUGHLIN, WILLIAM GERALD, A.B. St. Francis 1907 ..... Jersey City, N. J.
MARCUS, CHARLES LIONEL, B.S. 1909 ..... New York City
MORRIS, GEORGE WILLIAM, A.B. Rochester 1908 ..... Rochester, N. Y.
MURRAY, THEODORE ROOSEVELT, B.S. 1909 ..... New York City
MYERS, CARL METZ, B.S. Buchtel 1908 ..... Akron, Ohio
PEASLEE, AMOS JENKINS, A.B. Swarthmore 1907 ..... Clarksboro, N. J.
PELL, WILLIAM HENRY DANNAT, A.B. 1909 ..... New York City
RICE, ROBERT HUGHES, A.B. Oberlin 1908 ..... Elyria, Ohio
ROTHSCHILD, LEOPOLD OPPER, A.B. 1909 ..... New York City
SALSBURY, NATHAN, A.B. 1909 ..... New York City
SCHULTZ, HAROLD SEELY, A.B. 1910 ..... Florida, N. Y.
SCHWARTZ, LOUIS FREDERICK, JR., A.B. Cornell 1909 ..... New Rochelle, N. Y.
SCOTT, FRANCIS EDWARD, A.B. Emory and Henry 1906 ..... Emory, Va.
SHERRER, FRANK L., A.B. Lafayette 1907 ..... East Orange, N. J.
SICKELS, JOHN STEWART, B.S. C. C. N. Y. 1908 ..... West Nyack, N. Y.
STEINER, JOSEPH, A.B. 1908 ..... Newark, N. J.
TERMINI, PHILIP JOSEPH, A.B. Fordham 1908 ..... New York City
WALKINSHAW, ROBERT BOYD, Ph.B. Wooster 1905 ..... Milwood, Pa.
WALSER, GUY OLIVER, A.B. Harvard 1908 ..... New York City
WANGERIEN, CARL JACOB, A.B. Nebraska 1909 ..... Vining, Kan.
WEINSTERN, DAVID, A.B. 1909 ..... New York City
WEISS, WILLIAM STIX, A.B. Yale 1908 ..... New York City
WOLFF, STANLEY LEWIS, A.B. Amherst 1908 ..... New York City
WOODROW, MILLARD FILLMORE, A.B. Vanderbilt 1906 ..... Adairville, Ky.
WYLIE, SAMUEL DUNCAN, A.B. Lafayette 1908 ..... Shippensburg, Pa.

Third Year—Class of 1911 92

SECOND YEAR—CLASS OF 1912

ADLMAN, SIDNEY ..... New York City
ALEXANDER, ARTHUR DOUGLAS, A.B. 1909 ..... New York City
ALTERMAN, JACOB JAY ..... New York City
ANDREWS, PAUL S., A.B. Yale 1909 ..... Syracuse, N. Y.

BAIRD, RAIMOND DAY, A.B. Wesleyan 1909 ..... New York City
BERMSTEIN, BENJAMIN, A.B. 1910 ..... New York City
BICKEL, PAUL JARED, A.B. Franklin and Marshall 1907 ..... Sinking Spring, Pa.
BIEBER, PAUL D., B.S. 1910 ..... New York City
BIGELOW, MASON HUNTINGTON, A.B. Amherst 1909 ..... Utica, N. Y.
BISHOP, EDWARD THEODORE, B.L. Pomona 1906 ..... Pomona, Cal.
BISSELL, PELHAM ST. GEORGE, JR., A.B. 1909 ..... Freeport, N. Y.
BLUM, ISIDOR, A.B. Johns Hopkins 1909 ..... Baltimore, Md.
BRENNER, MORTIMER, A.B. 1910 ..... New York City
BRISTOL, ARTHUR E., A.B. Amherst 1909 ..... Glen Ridge, N. J.
BULLION, HARRY J., Ph.B. Hamilton 1909 ..... Richfield Springs, N. Y.
BUTTS, JAMES EARLE, A.B. Hobart 1908 ..... Geneva, N. Y.
BYOIR, CARL ROBERT, A.B. Iowa 1910 ..... Des Moines, Ia.
CAHILL, ROY ROBERT, B.S. Whitman 1909 ..... Dayton, Wash.
CASTELL, GEORGE OLIVER, A.B. 1910 ..... New York City
CELLER, EMANUEL, A.B. 1910 ..... New York City
CIVIC, MAXWELL, B.S. C. C. N. Y. 1909 ..... New York City
CODY, THOMAS HUGHES, A.B. Southwestern ..... Georgetown, Texas
COHEN, GEORGE LIONEL, A.B. C. C. N. Y. 1909 ..... New York City
COHEN, JOSEPH GEORGE, B.S. C. C. N. Y. 1909 ..... New York City
COMPTON, GEORGE BROKAW, A.B. 1909 ..... Interlaken, N. Y.
CRIADO, ROGER F., A.B. 1909 ..... New York City
CUNNINGHAM, FRANK LOUGHRAN, A.B. Princeton 1909 ..... New York City
DAVIDOW, LEONARD HAROLD, B.S. 1910 ..... New York City
DAVIMOS, HARRY THADDEUS, A.B. 1910 ..... Harrison, N. J.
DAWKINS, SPENCER MORGAN, A.B. Wofford 1903 ..... Spartanburg, S. C.
DELAVINA, FRED VALENTINE, A.B. Bowdoin 1908 ..... Portland, Me.
DE LUCA, GEORGE B., B.S. C. C. N. Y. 1909 ..... New York City
DERBY, JAMES LLOYD, A.B. Harvard 1908 ..... New York City
DONNELL, MURRAY CUSHING, A.B. Bowdoin 1908 ..... Houlton, Me.
DOWLING, NOEL THOMAS, A.B. Vanderbilt 1909 ..... Ozark, Ala.
DUNMORE, RUSSELL GOODIER, A.B. Wesleyan 1908 ..... Utica, N. Y.
DUPRE, WILLIAM KENT, JR., A.B. Ohio State 1910 ..... Portsmouth, O.
DURKIN, EDMUND L. ..... Spokane, Wash.
ELLIOTT, DONALD F., A.B. De Pauw 1909 ..... Kokomo, Ind.
ELSASSER, FREDERICK, R., A.B. 1910 ..... New York City
EMERSON, HAROLD BROWN, Ph.B. Wooster 1908 ..... Bellefontaine
EPSTEIN, ALBERT, A.B. 1910 ..... New York City
EPSTEIN, MAURICE, A.B. 1908 ..... New York City
FIELD, HENRY CROMWELL, A.B. Swarthmore 1909 ..... New York City
FISK, BRENTON KERN, A.B. Kingfisher 1907 ..... Kingfisher, Okla.
FLOUTON, ALLEN BROWN, A.B. Syracuse 1909 ..... Adams, Mass.
FRERICHS, ERNEST VIVIAN, A.B. 1910 ..... New York City
GARCIA, FRANCIS J., A.B. St. Johns 1909 ..... New York City
GEORGE, NATHAN FLOWER, A.B. Yale 1910 ..... Danbury, Conn.
GIBSON, LEON W., A.B. 1910 ..... East Orange, N. J.
GLOVER, DAWSON COLEMAN, A.B. Harvard 1909 ..... Fairfield, Conn.
GOODMAN, SYDNEY L., A.B. 1910 ..... New York City
GOODNOW, DAVID FRANKLIN, A.B. Amherst 1909 ..... New York City
GOODWIN, EDWARD NUTE, A.B. Amherst 1909 ..... New York City
GORDON, GEORGE ANDERSON, A.B. Harvard 1906 ..... New Bedford, Mass.
GORDON, IRVING, A.B. C. C. N. Y. 1909 ..... New York City
GREENBAUM, LAWRENCE SAMUEL, A.B. Williams 1909 ..... New York City
HANAGAN, THOMAS PATRICK, A.B. Cornell 1910 ..... Poughkeepsie, N. Y.
HARTSHORNE, RICHARD, Litt.B. Princeton, 1909 ..... Newark, N. J.
HARTZELL, WILLIAM H., JR., A.B. Lafayette 1909 ..... Easton, Penn.

HEWITT, JOHN VANCE, A.B. Missouri 1905.....Shelbyville, Mo.
HOWENSTEIN, WILBUR MORTON, A.B. Oberlin 1909.....Oklahoma City, Okla.
KAIN, W. F., B.L. Princeton 1908.....Dallas, Texas
KAUFMAN, ELIAS RAAS, A.B. Vanderbilt 1909.....Lake Charles, La.
KELLOGG, WINTHROP HUNTINGTON, A.B. Hamilton 1908.....Lakeville, N. Y.
KISTLER, GREGORY.....New York City
KLEIN, LEONARD, A.B. 1910.....New York City
LESSER, MYRON LAWRENCE.....New York City
LEVE, JULIAN ARTHUR, B.S. C. C. N. Y. 1909.....New York City
LUHRS, IMMANUEL, A.B. 1909.....Jersey City, N. J.
LYNDE, GEORGE PLEASANTS, A.B. Williams 1908.....New York City
MAHON, ROBERT V.....New York City
MEDINA, HAROLD RAYMOND, A.B. Princeton 1909.....New York City
MERRELL, CLARENCE FUSON, A.B. Wabash 1909.....Crawfordsville, Ind.
MICHAEL, JEROME, A.B. Georgia 1909.....Athens, Ga.
MILKMAN, WALTER B., A.B. 1908.....New York City
MOSES, EUGENE FREDERIC, A.B. 1910.....New York City
MURPHY, DEACON, A.B. 1908.....New York City
NORRIS, FRANCIS ELY, A.B. Yale 1908.....Boonton, N. J.
NORTON, DELBERT A., A.B., Arkansas 1909.....Portland, Ore.
NOURSE, CHARLES JOSEPH, A.B. Harvard 1909.....New York City
OGDEN, ALFRED, A.B. 1909.....New York City
OSBORNE, EARL W.....New York City
OSTERHOUT, EDGAR HOWARD, A.B. 1910.....Freeport, N. Y.
PERKINS, EDWARD NEWTON.....Windsor, Vt.
PIERREPONT, RUTHERFORD STUYVESANT, A.B. 1905.....New York City
POLLACK, EDGAR A., A.B. C. C. N. Y. 1909.....New York City
PRESTON, EUGENE DUMONT, A.B. Denver 1910.....Colorado Springs, Col.
PRICE, DORR CLENDENIN, A.B. Cornell 1909.....Batavia, N. Y.
RAYNOR, FRANCIS K., A.B. Cornell 1907.....Sag Harbor, N. Y.
ROBINSON, LOUIS HARRY, A.B. 1910.....Curwinsville, Pa.
ROCKWOOD, N. OTIS.....Montclair, N. J.
SANBORN, JOHN CARFIELD, A.B. Oberlin 1908.....Bliss, Idaho
SCHOLLE, HOWARD ABRAHAM, A.B. Williams 1906.....New York City
SCHUR, ROBERT PAUL, A.B. 1910.....New York City
SCOTT, ANDREW HORACE, Litt.B., Princeton 1908.....Little Rock, Ark.
SMITH, YOUNG BERRYMAN, B.S. Georgia 1909.....Atlanta, Ga.
SOLINGER, WALTER BERNARD, A.B. Princeton 1908.....New York City
STERRITT, JAMES E., A.B. 1910.....Ossining, N. Y.
STEWART, EARL, A.B. Iowa 1910.....Grimes, Ia.
STOCKTON, SANFORD DELWIN, A.B. Yale 1909.....Poughkeepsie, N. Y.
STORY, HAROLD VAN VREDENBURGH, A.B. 1910.....New York City
STUMBERG, GEORGE WILFORD, A.B. Louisiana State.....St. Charles, Mo.
SULLIVAN, RAYMOND EUGENE, A.B. Boston 1909.....Roxbury, Mass.
TANNENBAUM, SAMUEL W., A.B. 1910.....New York City
THOMPSON, RAYMOND, B.S. C. C. N. Y 1909.....New York City
THORNTON, THOMAS FRANCIS, A.B. 1910.....New York City
TROUTFELT, EDGAR MARK, Ph.B. Lafayette 1909.....Easton, Pa.
VON GLAHN, JOHN CHRISTOPHER, A.B. Cornell 1910.....New York City
VON WEDELL, HANS ADAM.....New York City
WALTER, HOWLAND OTTMANN, A.B. Cornell 1910.....New York City
WASHBURN, FRANK ALEXANDER BRISSENDEN, A.B. Harvard 1909.....New York City
WERNER, PAUL C., A.B. 1910.....New York City
WHITAKER, KARL ERROLL, B.S. Vanderbilt 1909.....Tampa, Fla.
WILLIAMS, PAUL, A.B. Cornell 1910.....Salt Lake City, Utah
WILSON, HARRY NATHANIEL, A.B. Cornell 1910.....Danville, N. Y.

WOLBARST, ELI S., B.S. 1910.....New York City
ZIPRIS, VIRGINIUS VICTOR, B.S 1910.....New York City
Second Year—Class of 1912.....118

FIRST YEAR—CLASS OF 1913

ALLEN, WINIFRED COLWELL, A.B. C. C. N. Y. 1910.....Mt. Vernon, N. Y.
ALVINO, JOHN F., A.B. C. C. N. Y. 1910.....New York City
ARNOLD, ROBERT MCDONNELL, A.B. Emory 1908.....Pelham, Ga.
BANGS, FRANCIS N., A.B. 1910.....New York City
BARBER, THOMAS HUNT, A.B. Harvard 1910.....Southampton, N. Y.
BARNUM, RAY FOSTER, A.B. 1910.....White Plains, N. Y.
BASSFORD, CHARLES HOBBY, B.S. Trinity 1910.....Newark, N. J.
BATES, LINDELL THEODORE, Ph.B. Yale 1910.....New York City
BEHR, NORMAN MAX, A.B. Indiana 1910.....Noblesville, Ind.
BERLINER, EPHRAIM, A.B. C. C. N. Y. 1910.....New York City
BOYD, DARRELL SULLY, A.B. Wesleyan 1910.....Rochester, N. Y.
BRIGHT, ARTHUR A., B.S. Pennsylvania 1909.....Harrisburg, Pa.
BRODSKY, HYMAN, A.B. Harvard 1910.....Bayonne, N. J.
BROWN, HAROLD STUART, B.S. Amherst 1908.....Belmont, N. Y.
BROWN, SANGER, M.D. 1907.....Bloomfield, Ontario
BUTLER, LYMAN COLLINS, A.B. Princeton 1910.....New York City
CALHOUN, HAROLD GILMORE, A.B. Tarkio 1906.....Summerfield, Kan.
CARLIN, J. FRANCIS, A.B. Georgetown.....New York City
CARR, EDWARD Q., A.B. Georgetown 1910.....New York City
CATACOUZINOS, JOHN A.....New York City
COLVER, FREDERIC BEECHER, A.B. Princeton 1910.....Tenafly, N. J.
CONROY, JAMES GARDINER, A.B. Holy Cross 1910.....New York City
CORELIUS, CHARLES LEE S., A.B. Vanderbilt 1910.....Nashville, Tenn.
COUGHENOUR, WILLIAM CHAMBERS, JR., A.B. North Carolina 1908...Salisbury, N. C.
CRATER, JOSEPH FORCE, A.B. Lafayette 1910.....Easton, Pa.
CRISPELL, REUBEN BERNARD, A.B. Yale 1910.....Kingston, N. Y.
DAVENPORT, HARRY THOMPSON, B.L. Whitman 1908.....Spokane, Wash.
DAVID, WALTER FESTUS, A.B. William Jewell 1910.....Liberty, Mo.
DEAN, THOMPSON, A.B. Yale 1910.....Darien, Conn.
DE SILVER, ALBERT, A.B. Yale 1910.....New York City
ELY, DAVID JAY.....New York City
ERSKINE, ROBERT SCARBOROUGH, A.B. 1910.....New York City
EVANS, CHARLES SIDNEY, A.B. Livingstone 1904.....Yonkers, N. Y.
FALLON, PERLIE PETER, A.B. Clark 1910.....Groton, Mass.
FARKAS, LEONARD, B.S. Georgia 1910.....Albany, Ga.
FARR, HENRY BARTOW, A.B. Princeton 1910.....New York City
FERGUSON, FRANKLIN POMEROY, A.B. Harvard 1910.....New York City
FINDLEY, EVERETT THORNTON, A.B. Princeton 1910.....Newark, N. J.
FOLK, GEORGE BILLINGER, A.B. West Va. 1908.....Martinsburg, W. Va.
FONDILLER, RICHARD, B.S. C. C. N. Y. 1903.....Westwood, N. J.
FRASER, LEON, A.B. 1910.....New York City
FRITTS, FRANK, A.B. Princeton 1910.....Chester, N. J.
FULLER, ERNEST MICHAEL.....Freeport, N. Y.
GALVIN, WILLIAM AUSTIN, B.S. 1910.....New York City
GARRARD, WILLIAM, JR.....Savannah, Ga.
GARRETT, GUY HARPER, A.B. Princeton 1910.....Reinersville, O.
GEORGE, ROLAND JONES.....Saegerstown, Pa.
GIANELLA, PERCY, M.E. Brooklyn Poly. 1910.....New York City
GIBBS, WILLIAM FRANCIS, A.B. Harvard 1910.....Philadelphia, Pa.
GLENN, JAMES H., A.B. Wofford 1909.....Chester, S. C.

GRAFF, JOSEPH RAE, A.B. Dartmouth 1909 ..... Peoria, Ill.
GREENBAUM, EDWARD SAMUEL, A.B. Williams 1910 ..... New York City
HALL, SHERWOOD ESTABROOK ..... Brandon, Vt.
HEALY, CHARLES EDWARD, A.B. St. Francis 1910 ..... New York City
HERBERMANN, HENRY FREDERICK, A.B. St. Francis 1910 ..... New York City
HILL, DUDLEIGH, A.B. 1910 ..... New York City
HOBART, CHARLES EDWIN, A.B. Beloit 1909 ..... Roscoe, Ill.
HOLDEN, HARRY DEWEY, A.B. Amherst 1910 ..... Mamaroneck, N. Y.
HOUSE, BEVERLY PRYOR, A.B. Ky. State 1904, A.M. 1905 ..... Manchester, Ky.
HOWELL, ALFRED ..... Hartford, Conn.
HUSER, THOMAS EVERETT, Ph.B. Hamline 1910 ..... Cumberland, Wis.
IVEY, ALPHONSO L., B.S. Georgia 1908 ..... Union Point, Ga.
JEFFERSON, CHARLES FREDERIC, A.B. Yale 1910 ..... New York City
JERVEY, HUGER WILKINSON, A.M. Univ. of South 1899 ..... Charleston, S. C.
JOHNSTON, AMBROSE M., A.B. Baker 1910 ..... Minneapolis, Kan.
JUBE, ALBERT RIORDON, B.S. Amherst 1910 ..... New York City
KAHN, ALBERT FELIX, Ph.B. Lafayette 1910 ..... Easton, Pa.
KEIM, JOHN HOWARD, A.B. Amherst 1910 ..... New York City
KELLOGG, WILLIAM RAYMOND, A.B. Amherst 1910 ..... Katonah, N. Y.
KESSLER, GEORGE W., A.B. Pennsylvania 1908 ..... Sac City, Iowa
KIENDL, THEODORE, A.B. 1910 ..... New York City
KING, LE ROY, A.B. Harvard 1906 ..... New York City
KNIGHT, FREDERICK SYLVESTER, A.B. Amherst 1910 ..... New York City
LAPLANTE, JOHN B. EDMOND, A.B. Georgetown 1909 ..... Vincennes, Ind.
LLOYD, GARDNER PLEASANTS, A.B. Princeton 1910 ..... New York City
MCADOO, FRANCIS HUGER, A.B. Princeton 1910 ..... Irvington, N. Y.
MCENTEGART, THOMAS EMMET, A.B. Manhattan 1910 ..... New York City
MCHENRY, LEE W., Ph.B. Syracuse 1910 ..... Chittenango, N. Y.
MCMAHON, DANIEL FRANCIS, B.S. Manhattan 1909 ..... New York City
MARCHMONT, JOHN HAMILTON, A.B. 1910 ..... Alma, Mich.
MARTIN, ANDREW PENN, A.B. Ohio Wesleyan 1910 ..... Wilmington, O.
MORRISON, STUART TEN BROECK, A.B. Amherst 1910 ..... Red Hook, N. Y.
MULQUEEN, JOSEPH FRANCIS, JR., A.B. St. Francis 1910 ..... New York City
MYERS, DANIEL H., A.B. Yale 1910 ..... Albany, N. Y.
PARKS, EMERSON MEARS, A.B. Oberlin 1909 ..... Marion, O.
PERRY, THOMAS A., JR., B.S. Georgia 1907 ..... Atlanta, Ga.
PHILBRICK, FRANCIS SAMUEL, B. Sc. and A.M. Neb. State 1899, Ph.D. Harvard 1902 ..... New York City
PYNE, TAYLOR, JR., A.B. Princeton 1908 ..... New York City
RAMSDELL, CHARLES HOMER, A.B. 1910 ..... New York City
RICHARDS, KARL E., Ph.B. Dickinson 1910 ..... Harrisburg, Pa.
ROBINSON, HAMILTON WHITNEY, Litt. B. Princeton 1909 ..... Yonkers, N. Y
RUCH, CLINTON JOSEPH, A.B. Lafayette 1908 ..... Hellertown, Pa.
RYAN, JOHN POWER, A.B. Williams 1910 ..... Troy, N. Y.
SCHEEL, GEORGE G., A.B. Harvard 1909 ..... Lutherville, Ind.
SEYMOUR, RAYMOND BRANCH, A.B. Dartmouth 1910 ..... New York City
SHALEK, BERNARD AAL, B.S. C. C. N. Y. 1910 ..... New York City
SHEPHERD, BENJAMIN ARMISTEAD, A.M. Virginia 1909 ..... Palmyra, Va.
SHILAND, ANDREW ROMAINE, A.B. Williams 1910 ..... New York City
SILVERMAN, ABRAHAM, A.B. Harvard 1910 ..... Hazelton, Pa.
SMITH, HENRY MONTAGUE, JR., A.B. Yale 1910 ..... Morristown, N. J.
SMITH, LISLE ARCHIBALD, A.B. Oberlin 1909 ..... Oberlin, O.
STEELE, ROSWELL H., A.B. Yale 1908 ..... New York City
STRAUSS, EUGENE, B.S. N. Y. U. 1910 ..... New York City
STRYKER, LAURENCE CLARKSON, A.B. Princeton 1910 ..... New York City
TAYLOR, MARTIN, B.S. Trinity 1908 ..... New York City

THIESING, THEODORE HEINRICH.....New York City
TODD, RUSSELL WEBSTER, A.B. Princeton 1910.....New York City
TONNELÉ, THEODORE MILLS, A.B. Princeton 1910.....New York City
TOUART, ANTHONY JOSEPH, A.B. Spring Hill 1909.....Mobile, Ala.
TOWNSEND, DALLAS SELWYN, A.B. 1910.....Raeford, N. C.
TURK, ELKAN, A.B. Illinois 1910.....Litchfield, Ill.
ULMAN, HAYWARD, A.B. Harvard 1910.....New York City
UNDERHILL, ROBERT LINDLEY MURRAY, A.B. Haverford 1909.....Ossining, N. Y.
VAN ALSTYNE, WILLIAM THOMAS, Ph.B. Yale 1910.....New York City
VANDERBILT, ARTHUR T., A.B. Wesleyan 1910.....Newark, N. J.
VENESS, THADDEAS WELLINGTON, A.B. Oberlin 1906.....Albert Lea, Minn.
WALSH, ST. CLAIR, A.B. C. C. N. Y. 1910.....New York City
WARD, WILBERT, JR., A.B. DePauw 1910.....South Bend, Ind.
WARNER, HAROLD L., A.B. Amherst 1910.....New York City
WARNER, JOHN B., A.B. Amherst 1910.....New York City
WASHBURN, W. MAYHEW, A.B. Harvard 1908.....New York City
WEBB, HENRY WALTER, A.B. Yale 1908.....New York City
WEEKS, RICHARD F., A.B. Princeton 1910.....New York City
WESTBROOK, JAMES SEYMOUR, A.B. Williams 1910.....New York City
WIDGER, HOWARD DE FOREST, A.B. Yale 1910.....Cortland, N. Y.
WILFERT, ERNEST WILLIAM, A.B. Cincinnati 1910.....Cincinnati, O.
WOLFE, CHARLEMAGNE TOWER, Ph.B. Bucknell 1910.....Lewisburg, Pa.
WORTHINGTON, BOND VALENTINE THOMAS, A.B. Oxford 1910.....New York City
ZIPP, CLARENCE STOLL.....Hartford, Conn.
ZORN, FREDERICK, A.B. C. C. N. Y. 1910.....New York City

First Year—Class of 1913.....130

NON-MATRICULATED STUDENTS

BOWERS, WILLIAM C., 2D.....New York City
DUDEN, HERMAN HAROLD, A.B. LL.B. 1903.....New York City
DUGGAN, JAMES EDWARD, A.B. Spring Hill 1909.....Mobile, Ala.
FIELDMAN, SOL.....New York City
FLIEDNER, W. LOUIS, M.L. Yale 1910.....Portland, Ore.
FREUNDLICH, ISAAC.....New York City
GODDARD, ARTHUR HAROLD.....Olympia, Wash.
GOLDBERGER, MORRIS LEOPOLD.....Perth Amboy, N. J.
HELM, CARL FREDERICK.....Tacoma, Wash.
KING, WARREN THOMAS, LL.B. Arkansas 1910.....Little Rock, Ark.
MCKELLAR, ROBERT S.....Stillwater, Minn.
MCMAHON, GOLDWIN STARR.....Ontario, Can.
MCNUTT, GARLAND M.....Charlottesville, Va.
MEGREW, GEORGE.....Plainfield, N. J.
MILLER, ALANSON AUSTIN, LL.B. Virginia 1910.....Gainesville, Fla.
NAFFZ, CARL FRANCIS, A.B. Wisconsin 1910.....Madison, Wis.
O'HANNESIAN, ARAM, LL.B. So. California 1910.....Fresno, Cal.
PEEPLES, THORNWELL K.....Savannah, Ga.
PROCTOR, ARTHUR WYMAN, LL.B. Creighton 1910.....Omaha, Neb.
ROBINSON, RUSSELL MARABLE, A.B. No. Carolina 1909.....Goldsboro, N. C.
SHATERIAN, WILLIAM SHADRACH.....New York City
SHIPMAN, BERTRAM FRANCIS.....Red Oak, Ia.
STALLCUP, EVAN SHELBY.....Tacoma, Wash.
WATKINS, ARTHUR V.....Independence, Utah
WINSLOW, FRANCIS EDWARD, A.B., N. Carolina.....Hertford, N. C.

Non-matriculated students.....25

SUMMARY

Third Year—Class of 1911	92
Second Year—Class of 1912	118
First Year—Class of 1913	130
Non-matriculated students	25
	365
Seniors from Columbia College	32
Total	397

SCHOOL OF MEDICINE

COLLEGE OF PHYSICIANS AND SURGEONS

The Faculty

President Butler
Professor Starr
Professor Huntington
Professor Cragin
Professor Lee
Professor James
Professor Gies
Professor Holt
Professor Hiss
Professor Blake
Professor Lambert
Professor Brewer
Professor Wood
Professor Painter
Professor Schulte
Professor Janeway
Professor Evans
Professor MacCallum

[1] Professor Herter

Officers of the Faculty

Professor Lambert.....*Dean and ex-officio Member of the University Council*
Professor Starr (Term expires 1911).....*Elected Delegate to the University Council*
Professor Huntington (Term expires 1913).....*Elected Delegate to the University Council*
Professor Gies.....*Secretary*

Standing Committees

On Administration: The Dean (Chairman), Professors Huntington, Cragin, Blake, and Janeway
On Admissions: The Dean (Chairman), Professors Wood and Gies
On Scholarships: The Dean (Chairman), Professors Holt and Painter
On Students' Library: Professors Starr (Chairman), James, and Hiss

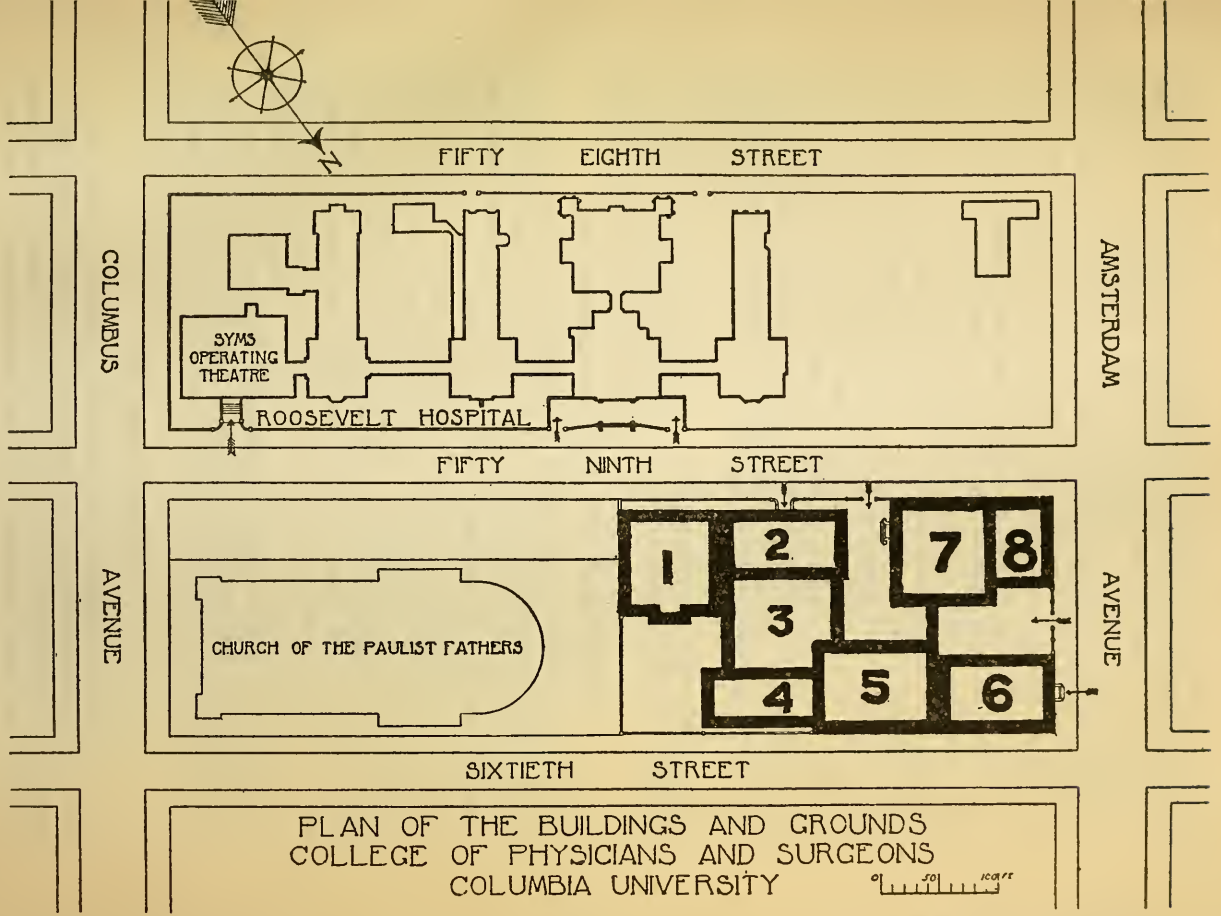
Emeritus Professors

(See page 7).

HISTORICAL STATEMENT

King's College—the original foundation of Columbia University—organized a Medical Faculty in 1767 and was the first institution in the North American Colonies to confer the degree of Doctor of Medicine in

[1] Died December 5, 1910.



PLAN OF THE BUILDINGS AND GROUNDS
COLLEGE OF PHYSICIANS AND SURGEONS
COLUMBIA UNIVERSITY

No 1. Institute of Anatomy
No. 2. South Wing
No. 3. Middle Wing
No. 4. North Wing
No. 5. Vanderbilt Clinic East
No. 6. Vanderbilt Clinic West
No. 7. Sloane Maternity Hospital East
No. 8. Sloane Maternity Hospital West

course. The first individuals to graduate in medicine from the College were Robert Tucker and Samuel Kissam, who received the degree of Bachelor of Medicine in May, 1769, and that of Doctor of Medicine in May, 1770, and May, 1771, respectively. Instruction in medicine was given from this time on until the work of the College was broken up by the War of the Revolution. In 1784 an act was passed making Columbia College in the City of New York the successor of King's College, and instruction was resumed in the academic department. Eight years later the Medical Faculty was re-established, and was continued until 1814, when the Medical Faculty of Columbia College was merged in the College of Physicians and Surgeons, which had received an independent charter in 1807. In 1860, by agreement between the Trustees of the two institutions, the College of Physicians and Surgeons became the medical department of Columbia College, and from that time on the diplomas of the graduates were signed by the President of Columbia College as well as by the President of the College of Physicians and Surgeons. The connection was only a nominal one, however, until 1891, when the College was definitely merged in the University.

Since 1769 the degree of Doctor of Medicine has been conferred by Columbia University on 7517 men, including many of the most eminent practitioners in the United States.

BUILDINGS, GROUNDS, AND EQUIPMENT

The College of Physicians and Surgeons was first situated at 18 Robinson Street, from 1807 to 1809. From 1809 to 1813 it was at 12 Magazine Street; from 1813 to 1837 at 3 Barclay Street; from 1837 to 1856 at 67 Crosby Street; and from 1856 to 1887 at 101 East Twenty-third Street. It now occupies a group of buildings given by the late William H. Vanderbilt, his sons Cornelius, William K., Frederick W., and George W. Vanderbilt, and by William D. Sloane, which stands upon thirty contiguous lots of land, bounded on the south, west, and north by Fifty-ninth Street, Amsterdam Avenue, and Sixtieth Street, respectively, and lying immediately opposite to the Roosevelt Hospital.

The Trustees contemplate moving the Medical School to Morningside Heights and to this end are negotiating for the purchase of property adjoining the present campus on the east. One half of a city block has already been secured.

The Main Building

The College Building proper has been designed to facilitate the combination of theoretical instruction with laboratory work, which is essential to a modern scientific training. In this building, which has a floor space of 100,000 square feet, are the lecture halls, the recitation

rooms, and the different laboratories, under the supervision of their respective professors, all thoroughly equipped for the routine work of the regular classes and for the special original and research work of the advanced students instructors, and professors of the several departments.

In this building are the administrative offices, the laboratories of Physiology, General and Physiological Chemistry, Surgery, Pharmacology and Pharmaceutics, the Morphological Museums and Laboratory, a dissecting room accommodating 400 students, and two large amphitheatres.

For a more detailed account of the equipment of each department, see the departmental statements.

Vanderbilt Clinic

THE VANDERBILT CLINIC is a fully equipped dispensary for the sick poor. It also affords ample material for extended practical clinical instruction in the various departments of Medicine and Surgery, as the professors, with their clinical assistants, have the entire charge of its practice.

The building is so arranged that each department has a room for the practical instruction of students in small sections, in addition to the rooms devoted to the treatment of patients; besides, there is a large theatre for clinical lectures and a smaller lecture hall.

All modern appliances for the treatment of diseases have been introduced, so that students can learn thoroughly the use of all methods in each of the special departments of medicine.

During the year 1909, 48,386 patients were treated, making 167,467 visits to the Clinic.

For detailed information as to the clinical lectures held here, see the departmental statements in this volume, or the *Announcement of the College of Physicians and Surgeons.*

Sloane Hospital for Women

THE SLOANE HOSPITAL FOR WOMEN is situated at the corner of Fifty-ninth Street and Amsterdam Avenue, and the service is under the exclusive direction of the Professor of Obstetrics in the College of Physicians and Surgeons, the Instructor in Obstetrics being the Resident Physician. The wards of the Hospital furnish one hundred and twenty-eight beds, and there are ample accommodations for the house staff, students, and nurses. The operating room is equipped with all modern surgical and obstetrical conveniences, and Professor CRAGIN holds weekly clinics here for the third-year class during the first half of the year.

The number of deliveries averages about seventeen hundred a year.

These, with the obstetric operations and the subsequent treatment of women and infants, afford invaluable practical experience.

A gift of $150,000 has been made by Mr. Sloane to provide an addition to the hospital which will afford the opportunity of studying under one roof the problems of obstetrics and women's diseases.

Clinics at the Hospitals

The College is strongly represented on the staffs of most of the general and special hospitals of New York. In them both required and optional practical instruction is given by clinical lectures, in the dispensaries and at the bedside, all of which are prominent features of the curriculum. These hospitals are as follows: Roosevelt, Bellevue, New York, Presbyterian, St. Luke's, French, German, Mt. Sinai, City, Gouverneur, Lincoln General Memorial, Hospital for the Ruptured and Crippled, St. Mary's Free Hospital for Children, Willard Parker, Scarlet Fever and Reception, New York Eye and Ear Infirmary, Foundling, the Babies' Hospital, New York Ophthalmic and Aural Institute, the Manhattan Eye, Ear, and Throat Hospital, and the Woman's Hospital. For a detailed statement, see the *Announcement of the College of Physicians and Surgeons.*

Lectures

Cartwright Lectures of the Alumni Association—According to the provisions of the Cartwright Trust there is biennially given, under the auspices of the Alumni Association, a course of lectures more especially addressed to graduates in medicine. This course was delivered in April, 1910, by Professor Adolf Magnus-Levy of the University of Berlin.

GENERAL PLAN OF INSTRUCTION

The prescribed period of study for the degree of Doctor of Medicine is four years. The requirements for admission are given elsewhere, but too much stress cannot be laid upon the desirability of a student fulfilling the spirit as well as the mere letter of those requirements. Physics, general inorganic chemistry, and biology are now required for admission, and the student of medicine will grasp the advanced subjects forming the groundwork of the course the more easily and with the better understanding just in proportion to the breadth and completeness of his preliminary education. The attention of students is particularly called to the regulations of Columbia College (see page 192) which permit a student to obtain a thorough preliminary training and at the same time to complete the requirements for the degree of A.B. or B.S. and the degree of M.D. in six years.

In the arrangement of the different branches of the medical

instruction a logical order of the main themes and a co-ordination in the work of each department have been sought after, enabling the student to concentrate his attention upon some one subject and to be so familiar with it that the allied subjects next to be taken up shall be readily understood. The salient features in the method of instruction are thorough laboratory training, frequent demonstrations, clinical teaching in the operating theatres and at the bedside as well as in the dispensaries, with recitations and didactic lectures to elucidate the many problems confronting the student.

Records of attendance and scholarship are kept, and before a student may advance with his class he must, besides passing a good examination in a subject, present certificates of satisfactory practical work.

In the first half of the first year the time of the student is devoted largely to anatomy. The instruction is carried on mainly by numerous demonstrations to sections and by long periods of uninterrupted work in the dissecting room. In this part of the year pharmacy laboratory work is begun, organic and physical chemistry is dealt with and taught by didactic lectures, recitations, and laboratory exercises, and histology is begun. In the second half of the first year the study of physiology is begun, for which the students have been prepared by courses in anatomy. Physiology is taught by didactic lectures, demonstrations, recitations, and practical work in the laboratory. Physiological chemistry is studied in the laboratory and by lectures and recitations. Anatomy is continued and the course in histology and embryology is completed.

In the second year anatomy and physiology are completed. The lectures in materia medica and medicine are begun and lectures, recitations, and laboratory courses in pharmacology and bacteriology are attended. As preliminary to the third and fourth years, recitations from text-books are held in obstetrics, materia medica, and surgery. For the second half of the second year the students are assigned to the laboratory for work in pathology and pathological anatomy, and are prepared for the study of medicine by an elementary clinic, and by instruction in the methods of physical diagnosis.

During the third year recitations in medicine and surgery are continued and those in gynecology, diseases of children, and therapeutics are begun. There are didactic as well as clinical lectures in medicine, surgery, pharmacology and therapeutics, obstetrics, gynecology, neurology, genito-urinary diseases, laryngology, otology, ophthalmology, dermatology, orthopedic surgery, and diseases of children. During the year the work in pathological anatomy and clinical pathology is completed. The class is divided into small sections for instruction in physical and medical diagnosis, and in the special branches of medicine and surgery at the various dispensaries and hospitals.

The student in the fourth year spends most of his time in the hos-

pitals and dispensaries of the city. Consequently, although a few general and clinical lectures are still given, the work is almost entirely practical and bedside instruction. Divided into small groups, the students continue to come into personal contact with patients, under the supervision of the instructor. In this way they have the opportunity to become familiar with the history of a case, to make a complete physical examination, to form a diagnosis, to give a prognosis, to advise treatment, and to watch progress.

In the course in surgery the witnessing of numerous major and minor operations is supplemented by an operative course in which the student himself performs on the cadaver many of the more common operations. For an obstetrical service, the unsurpassed facilities of the Sloane Maternity Hospital and out-patient obstetrical department offer excellent opportunities. Here the student is required to live for five weeks and personally attend a certain number of cases of labor. The course in diseases of children includes bedside instruction in the wards of the Babies' Hospital, where exceptional advantages are enjoyed by the students for studying all forms of acute disease in infants and young children. The course is rounded out by personal instruction in the more special branches of medicine. In these branches the student is taught how to use many instruments of precision and to recognize and treat successfully many of the rarer forms of disease.

Clinical Clerkships in the Various Hospitals

Courses in the wards of St. Luke's, Bellevue, the Mt. Sinai, the Presbyterian, the German, and the Lincoln Hospitals have been opened by those institutions to fourth-year medical students. These courses consist of work in the wards of the hospitals during which the students admitted will serve as clinical clerks both in medicine and surgery and become for the time being members of the regular staff. The courses are open for periods of two months' duration both during the vacation and during the regular term. The students who can successfully pass such tests as may be required by these hospitals and be entered upon these courses will be excused from college work while on duty except on Thursday of each week. It is hoped that similar courses will be opened in other hospitals, and the College of Physicians and Surgeons is ready to adapt its curriculum to meet such increased clinical facilities for its students.

REQUIREMENTS FOR ADMISSION

All candidates must present (1) the medical-student certificate of the Regents of the University of the State of New York, and (2) also *one* of the following qualifications:

(*a*) The completion of not less than two full years of study in an

approved college or scientific school, which course must have included instruction in the elements of physics, inorganic chemistry, and biology; or

(*b*) Graduation from an approved college or scientific school, or in lieu thereof a bachelor's degree in arts or science or its substantial equivalent conferred by an approved institution in Great Britain, France, or Spain, or graduation from a gymnasium in Germany, Austria, or Russia, or the completion of a course of study equivalent thereto—as, for example, a course of five years in a registered ginnasio and three years in a liceo; provided that the course leading to such degree or graduation has included instruction in the elements of physics, inorganic chemistry, and biology; or

(*c*) In lieu of either of the above, present such evidence as the Faculty may require, to prove exceptional fitness to undertake with advantage the study of medicine.

Advanced Standing

Admission may be granted to advanced standing at the beginning of any year. At least one full year of attendance is required of every candidate for the degree.

Candidates who have completed one or more years of study in an approved medical school, and apply for admission to advanced standing at the College of Physicians and Surgeons, will be admitted to the standing to which their record in that medical school would admit them, and be given credit for all courses satisfactorily completed therein, on presentation of proper certificates to the Committee on Admissions covering the same; provided that the candidates before beginning the study of medicine have fulfilled the requirements for admission demanded by the College of Physicians and Surgeons.

In applying the above regulation for admission to advanced standing, the Faculty have decided to discourage admission to the fourth-year class so far as undergraduate students from other colleges are concerned. The course in medical education divides itself logically into two parts, the first of which is scientific and consists of the first two years, and the second is clinical and consists of the last two years. It is found difficult to separate the work of the third and fourth years, and students who desire to obtain the advantages of the clinical opportunities offered in New York City (so far as they are represented by the College of Physicians and Surgeons) are recommended to transfer from their college of first study at the end of their second year in medicine, and to take both the third and fourth years at Columbia. It is essential that students offering themselves for admission should have all the work presented in the curriculum of the College of Physicians and Surgeons. This is especially true of the courses in general and microscopic pathology. It is impossible to organize the

work of the third year so that a student may take at the same time the pathology courses offered by the College of Physicians and Surgeons in the second-year curriculum. Students who wish to enter the second year, and who have not had the work in physiological chemistry, may make up that deficiency by work in the Summer Session at Columbia, but up to the present time such a procedure is not possible so far as the pathology of the second year is concerned. Students who have finished the combined course leading to a Bachelor's degree, of which the last two years have been taken in a regular medical school connected with their University, are eligible for admission, under this ruling, to the third year at the College of Physicians and Surgeons, provided they have taken all the courses of the first two years' curriculum. The fourth year at the College is so eminently clinical, and is carried on in hospitals at a distance from the college building, in the course given under the heading of clinical clerks, that the admission to the fourth year will be largely limited to students who have already secured the degree of Doctor of Medicine. It is believed that the course as given at the College will be found to be a valuable post-graduate year for many graduates, and the College believes that admission to the fourth year should be limited to such students.

Special Students

Students desiring to do special work at the College of Physicians and Surgeons may register at any time during the year as special students. Such applicants, however, cannot subsequently become candidates for graduation without full compliance with the terms of admission and graduation.

Special students will be required to present to the Committee on Admission before entrance evidence of (*a*) an adequate preliminary education, and (*b*) special fitness for the particular work they desire to pursue.

REQUIREMENTS FOR GRADUATION

Every candidate in the four-year course will be required before admission to the degree of M.D.:

1. To present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years.

2. To present evidence of having complied with the requirements for admission.

3. To have attained to satisfactory standing in the required studies of the four years of the curriculum. (See table, page 237).

4. A candidate who shall have been admitted to advanced standing will be required to have spent not less than four academic years at the studies referred to in the clause next preceding; and to have complied successfully with the requirements for admission to advanced standing.

No two academic years which shall have begun during the same calendar year will be held to satisfy the requirements of the preceding clause.

The Degree of Master of Arts

The attention of students of Medicine is directed to Rule 10 of the Regulations for the Higher Degrees (page 185).

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

(See page 433)

EQUIPMENT AND COLLECTIONS

Detailed information as to the laboratories, collections, and other facilities for study will be found in the statements of the various departments of instruction, pages 53–172, and more fully in the *Announcement of the College of Physicians and Surgeons.*

REQUIREMENTS FOR LICENSE TO PRACTISE MEDICINE IN NEW YORK STATE

For information, see the *Announcement of the College of Physicians and Surgeons.*

SUMMER SESSION IN MEDICINE

(See page 404)

A general statement of the work offered will be found in connection with the statement of the Summer Session (see the Table of Contents, this volume), and a detailed announcement, showing the scope of each course, the conditions under which it is given, and the fee charged, will be sent upon application to the Secretary of Columbia University, New York City.

COURSE OF STUDY LEADING TO THE DEGREE OF M.D.

(A much more detailed summary will be found in the special *Announcement of the College of Physicians and Surgeons*)

First Year	Second Year	Third Year	Fourth Year
Chemistry (Physical and Organic) 51	Anatomy 51–52, 59–60, 65–66	Pharmacology, Materia Medica, and Therapeutics 55–56, 57–58	Pharmacology, Materia Medica, and Therapeutics 51, 53–54, 70, 71–72, 75
Anatomy (including Histology and Embryology) 53, 54, 55–56, 57–58, 67–68, 69–70, 71–72	Physiology 106–107	Practice of Medicine 55–56, 57, 58, 59, 60, 61–62, 63–64, 65–66, 67–68, 69–70	Practice of Medicine 71–72, 73–74, 75–76, 77–78, 79–80 and 87–88, 89–90, 91–92, 93–94, or 95–96
Physiology 106–107	Pathology 52, 54	Neurology 51[1]	Neurology 51, 53–54, 55–56, 57, 59–60
Physiological Chemistry 104	Bacteriology 51	Surgery 51–52, 53–54, 55–56, 57–58, 59–60, 79–80, 81–82, 83–84, 85–86	Surgery 51–52, 56, 59–60, 63–64, 65–66, 67–68, 69–70, 71–72, 73–74, 75–76, 77–78
Pharmacy 61	Pharmacology, Materia Medica, and Therapeutics 59–60, 62, 63–64	Obstetrics 51	Orthopedic Surgery 53–54, 55–56, 57–58
Surgery 94	Obstetrics 53–54	Gynecology 52, 53	Obstetrics 55–56, 57–58
Examinations upon the work of the first year	Practice of Medicine 51, 52, 54	Genito-Urinary Diseases 51–52, 53–54, 56	Gynecology 55–56, 57–58, 59–60, 61–62, 63–64, 65–66
	Surgery 89–90	Ophthalmology 52, 53–54, 56	Dermatology 51–52
	Gross Pathology 55–56	Otology 51	Diseases of Children 51, 52, 53–54, 61–62
	Pathological Anatomy 57–58	Diseases of Children 51, 52, 55–56, 57, 59–60	Laryngology 57–58
	Examinations upon the work of the second year	Clinical Pathology 52	Otology 53–54, 55–56
		Orthopedic Surgery 51–52	Clinical Pathology 53–54
		Dermatology 53–54	Pathological Anatomy 53–54
		Laryngology 51–52, 53–54, 55–56	*Examinations upon the work of the fourth year*
		Pathological Anatomy 55–56, 57–58	
		Examinations upon the work of the third year	

[1] In all subjects which are not completed in a single year, the instruction offered to a given student is different each year.

Consult the departmental statements (pp. 53–172) for:
(1) The scope of each course, the number of hours required for it, and the instructors giving it;
(2) Information regarding the courses open to special (graduate) students in medicine;
(3) Courses which may be counted towards the degrees of A.M. and Ph.D.

REGISTER OF STUDENTS

School of Medicine

FOURTH YEAR—CLASS OF 1911

ACKERMAN, STEPHEN HULBERT, JR., A.B. Harvard 1907.....Brooklyn, N. Y.
ALEXANDER, HUGO, B.S. New York University 1907.....Hoboken, N. J.
ALLING, FREDERIC AUGUSTUS, B.S. Princeton 1907.....Newark, N. J.
ANDERTON, WALTER PALMER, A.B. Harvard 1908.....New York City
ASHE, JOHN RAINEY, B.S. S. C. Military Academy 1902.....Yorkville, S. C.
BARBER, WILLIAM HOWARD, A.B. 1909..... Brooklyn, N. Y.
BESSIE, ABRAHAM, A.B. 1908.....Wahpeton, N. D.
BISCH, LOUIS EDWARD, A.B. 1907..... New York City
BROWN, R. MARK, A.B. Univ. of Utah 1909.....Ogden, Utah
BRUCKHEIMER, RALPH MONROE.....New York City
CALMAN, ARTHUR SAMUEL.....New York City
CHENEY, CLARENCE ORION, A.B. 1908.....New York City
CHILIAN, STEPHEN A.....New York City
CHIPMAN, HARRY EDGAR HARRISON..... Toronto, Can.
COBB, JAMES LIVINGSTON, A.B. 1909.....Brooklyn, N. Y.
COBB, WALTER FRANK, Bach. of Physical Education.....Attleboro, Mass.
COHEN, IRA, B.S. 1909.....New York City
COMBES, ABBOTT CARSON, JR.....Elmhurst, L. I.
DEBON, AMÉDÉE JOSEPH.....Paris, France
DE PASSE, ALFRED BERNARD CAMILLE.....New York City
DUNNING, HENRY SAGE, D.D.S. N. Y. College of Dentistry 1904.....New York City
DUSTIN, EDGAR GERALD.....Saranac Lake, N. Y.
EATON, HENRY DOUGLAS.....New York City
EISLER, SAMUEL.....New York City
ERNST, EDWARD CRANCH.....Chicago, Ill.
GOLDMAN, MAURICE, M.D. Baltimore Med. College 1907.....New York City
GOODWIN, GEORGE MUNRO, A.B. 1909.....Tompkinsville, N. Y.
GRACE, RODERICK VINCENT, A.B. C. C. N. Y. 1904 .....New York City
GRAY, JOHN WESLEY.....Maine, N. Y.
GRIMBERG, LEIZER, B.S. Prince Ferdinand Lyceum 1905.....Jersey City, N. J.
HALL, FAIRFAX, Ph.B. Yale 1907.....Binghamton, N. Y.
HALSTED, HARBECK.....Greeley, Colorado
HERZFELD, MELVIN GUSTAV.....New York City
HEYWARD, NATHANIEL BARNWELL, A.B. University of S. C. 1907.....Columbia, S. C.
HILL, JAMES FITTS.....Montgomery, Ala.
HOBBS, AUSTIN LATTING, A.B. Princeton 1907.....East Orange, N. J.
HORN, JAMES FREDERICK, A.M. Princeton 1904, B.D. Princeton 1905..E. Orange, N. J.
KNAPP, ROBERT PHINEAS..... Saratoga Springs, N. Y.
LANGWORTHY, HOWARD TRACY.....West Edmeston, N. Y.
LEVIN, LOUIS ABE OSCAR.....New York City
LEWIS, FRED RAYMOND, Ph.B. University of Rochester 1907.....Charlotte, N. Y.
LYNCH, KEVIN DAVID, A.B. St. Peter's College, N. J., 1907 .....West Hoboken, N. J.
MCCHESNEY, PAUL ELY, A.B. Yale 1907 .....Greenwich, Conn.
MCKINLAY, CHARLES MILES, A.B., 1907..... Tenafly, N. J.
MACGUIRE, CONSTANTINE JOSEPH, JR., A.B. Yale 1907.....New York City

MILLER, HYMEN RUDOLPH, B.S. 1908.....Brooklyn, N. Y.
MOUNT, GUY, A.B. University of Oregon 1907.....Silverton, Oregon
MURRAY, VANCE BISHOP.....Fordham, N. Y.
O'CONOR, JOSEPH AUGUSTINE.....New York City
OSBORN, HAROLD BLACKMAN, B.S. Rutgers 1904.....New Brunswick, N. J.
PAFFARD, HOWARD THOMAS, A.B. Williams 1907.....Southport, Conn.
PETERSEN, LEO SMITH.....New York City
PHIPPS, HOWARD MORTON, A.B. Colgate 1907.....East Rockaway, N. Y.
PRATT, EDWARD LEANDER, A.B. Yale 1907.....Lewiston, Me.
ROBERT, DANIEL RUTGERS, Litt.B. Princeton 1907.....Brooklyn, N. Y.
ROBINSON, LEWIS BYRNE, A.B. Harvard, 1907.....Oyster Bay, L. I.
ROTHSCHILD, MARCUS ADOLPHUS, A.B.....Woodville, Miss.
ROYCE, CLAYTON ELBERT, A.B. Dartmouth 1908.....Woodstock, Ver.
SCHROEDER, LOUIS CLAUSEN.....New York City
SCOTT, FREDERICK WILSON, A.B. Rutgers 1907.....New Brunswick, N. J.
SHEINMAN, LOUIS.....New York City
SPIERS, HOMER WALDO, A.B. Oberlin 1907.....Los Angeles, Cal.
STETSON, RUFUS EDWIN, A.B. Bowdoin 1908.....Damariscotta, Me.
STOWELL, DAVID DUDLEY, A.B. Colgate 1907.....New York City
SULLO, NICHOLAS ALFRED.....New York City
SUMNER, CYRIL, A.B. Yale 1907.....Rochester, N. Y.
THORPE, BURTON DURRELL, A.B. Dartmouth 1908.....Lisbon, N. H.
VIETOR, JOHN ADOLF, A.B. Yale 1907.....New York City
WALKER, ROSCOE, B.S. Oklahoma 1909.....Pawhuska, Oklahoma
WARD, MARK HOPKINS, A.B. Amherst 1906.....Medford, Mass.
WEST, PEARL CALEB, A.B. Ohio Normal Univ. 1896, M.D. Saginaw Valley Med. College 1902.....Bickleton, Wash.
WURTHMANN, JOHN WILLIAM, Phar.D. N. Y. Coll. of Pharmacy 1906..New York City

Fourth Year—Class of 1911..... 72

THIRD YEAR—CLASS OF 1912

AGAN, WILLIAM BYRON.....Troy, N. Y.
ARMSTRONG, DONALD BUDD, Ph.B. Lafayette College 1908.....Easton, Pa.
ARONOWITZ, GREGORY.....Brooklyn, N. Y.
ASCHNER, PAUL WILLIAM, A.B. 1910.....Brooklyn, N. Y.
BAKER, ELMER WAYNE, A.B. Princeton 1908..... Jamaica, N. Y.
BARRETT, PAUL SYDNEY.....Brooklyn, N. Y.
BECK, DAVID.....New York City
BELDEN, FRANK MILTON, B.S. Amherst, 1895.....Brooklyn, N. Y
BISHOP, FRANK WARNER, B.S. 1910.....New York City
BLEIER, EDWARD, B.S. C. C. N. Y. 1908.....New York City
BORTONE, FRANK.....Newark, N. J.
BRIM, CHARLES.....New York City
CARBER, FRANK HOUGH.....Newton, N. J.
CASSASA, CHARLES STEPHEN BARTHOLOMEW, A.B., Fordham, 1908.....Long Island City, N. Y.
COMSTOCK, CARL RODNEY, A.B. Harvard 1908.....Saratoga Springs, N. Y.
CONKEY, OGDEN FETHERS, A.B. St. Lawrence Univ. 1908.....Canton, N. Y.
COOPER, FREDERICK STURGES, A.B. 1910.....Mount Vernon, Ohio
CRANE, CHARLES GEORGE, B.S. Wesleyan 1907.....Newark, N. J.
CRANE, WALTER RAYMOND, B.S. Occidental College 1908.....Los Angeles, Cal.
CUTLER, CONDICT WALKER, JR., B.S. 1910.....New York City
DAVIN, EDWARD JOHN, A.B. Yale 1910.....New York City
DOUGLASS, CHARLES YORK, A.B. Leland Stanford 1908.....Brooklyn, N. Y.
DUBOFF, WILLIAM SAMUEL.....Brooklyn, N. Y.

Fisher, Leon Gabriel.....New York City
Franklin, Isador Harold.....Jersey City, N. J.
Gildersleeve, John Andrew, A.B. Amherst 1908.....Mattituck, N. Y.
Gitlow, Samuel.....New York City
Goldman, Samuel.....Brooklyn, N. Y.
Halpern, Theodore, A.B. C. C. N. Y. 1908.....New York City
Heagey, Francis Wenger, A.B. Princeton 1908.....Cochranville, Pa.
Henry, James Worrall, B.S. Univ. of Oklahoma 1910.....Pawnee, Okla.
Herring, Harold Mandeville.....New York City
Hibbs, David Lacy, A.B. William Jewell 1907, A.M. Brown 1908..Williamsburg, Ky.
Holcombe, Frank Mahlon, A.B. Univ. of Vermont 1907.....Keeseville, N. Y.
Howe, Hubert Shattuck, A.B. Univ. of Denver 1908.....Denver, Col.
Irvin, John Shepherd, A.B. Harvard 1908.....Philadelphia, Pa.
Jennings, Francis Bates, A.B. Yale 1910.....Brooklyn, N. Y.
Johnson, Henry Lincoln.....Brunswick, Me.
Kantor, John Leonard, A.B. 1908.....New York City
Katz, Sydney Milton.....Brooklyn, N. Y.
Keil, George William.....New Rochelle, N. Y.
Keith, William Neely, A.B. Lafayette 1905.....Newtown, Pa.
Kennedy, Robert Hayward, A.B. Amherst 1908.....New York City
Klaus, Henry.....West Hoboken, N. J.
Knapp, Charles Whittemore, A.B. Yale 1908.....New Haven, Conn.
Kronman, David Edward, A.B. 1910.....Brooklyn, N. Y.
Lawsing, George Condé, A.B. Rutgers 1908.....Kiskatom, N. Y.
Lechenger, Gilbert Cecil.....Houston, Tex.
Liss, Irving Edward.....New York City
Lopez, Enrique Alonso, B.S. Salamanca University 1904.....Valladolid, Spain
McCurdy, Uriah Fred, B.S. Univ. of Washington 1908.....Seattle, Wash.
McLean, Edward Huntington, A.B. Princeton 1908.....Grant's Pass, Ore.
McPheeters, Jas. Douglas Lawrence, A.B. Univ. of Colorado 1909..Natchez, Miss.
Manheims, Perry Jefferson.....New York City
Mendelson, Abraham.....New York City
Mount, Frank Reid, A.B. Univ. of Oregon 1908.....Olympia, Wash.
Murray, Clay Ray.....New York City
Murray, Harry Freeling.....Narrowsburg, N. Y.
Nammack, Charles Halpin, A.B. 1909.....New York City
Nilson, Siegfried Johannes.....New York City
O'Reilly, James Aloysius.....New York City
O'Reilly, Vincent Lawrence, A.B. Fordham 1908.....New York City
Pearce, George Girdwood.....New Bedford, Mass.
Pickhardt, Otto Carl, A.B. Yale 1908.....New York City
Ragan, William Eugene, Jr., A.B. Univ. of Ga. 1904.....Atlanta, Ga.
Rattner, Charles George.....New York City
Ravich, Abraham, A.B. C. C. N. Y. 1908.....Aqueduct, L. I., N. Y.
Riley, Henry Alsop, A.B. Yale 1908.....New York City
Rosenzweig, Samuel Bernard.....New York City
Sawyer, Charles Robert, Ph.B. Wesleyan 1906.....Glens Falls, N. Y.
Schwartz, Alfred Alexander.....New York City
Seidler, Victor Bayard.....Newark, N. J.
Shlimbum, Solomon.....New York City
Sidbury, James Buren, A.B. Trinity, N. C. 1908.....Wilmington, N. C.
Siegel, Morris Theodore, B.S. C. C. N. Y. 1902.....New York City
Simon, Morris.....Passaic, N. J.
Smith, Martin DeForest, A.B. 1909.....New York City
Steinmetz, Frederick Charles, A.B. 1909.....New York City
Stout, Arthur Purdy, A.B. Yale 1907.....New York City

THOMPSON, LAURANCE MILLS.....New York City
TOVELL, HAROLD MURCHISON.....Toronto, Can.
UNGER, ABRAHAM, B.S. C. C. N. Y. 1908.....New York City
VAN KLEECK, EUEN, A.B. 1910.....New York City
WEEKS, WEBB WILLIAM, A.B. 1910.....Corry, Pa
WELLINGTON, HAROLD WENTWORTH.....East Braintree, Mass.
WHITE, WM. CRAWFORD, B.S. Wesleyan Univ. 1908.....Hoboken, N. J.
WHITMAN, ARMITAGE, A.B. Harvard 1908.....New York City
WILDMAN, HENRY VALENTINE, JR., A.B. 1910.....New York City
WYLIE, JOHN HERMAN, A.B. Indiana 1910.....Bloomington, Ind.
YOUNT, CARL COSSMAN.....Greensburg, Pa.
Third Year—Class of 1912..... 90

SECOND YEAR—CLASS OF 1910

ADAMS, LEOPOLD.....New York City
ADEE, DANIEL DEMAREST.....Brooklyn, N. Y.
BABCOCK, JAMES WOODS, Litt.B. Rutgers 1909..... Jersey City, N. J.
BECKWITH, EDGAR WILLIAMS, B.S. New York Univ. 1910.....East Orange, N. J.
BONNLANDER, VINCENT CHARLES, A.B. 1908.....New York City
BRANCATI, CHARLES.....New York City
BRUNO, ALEXANDER (Senior Columbia College).....New York City
CARLISLE, JOHN HOWE, A.B. Williams 1909.....Passaic, N. J.
CARR, CHARLES EDMUND, A.B. Indiana 1908.....Bayonne, N. J.
CARR, FRANK CLYDE.....Bayonne, N. J.
CASALE, JOHN BAPTIST.....Newark, N. J.
CHANDLER, CHARLES PORTER, A.B. Amherst 1909.....Montpelier, Vt.
CHAPLIN, HUGH, Litt.B. Princeton 1909.....Ridgewood, N. J.
COLLICA, JEFFREY DANIEL CHARLES.....New York City
CORRY, ROBERT THOMAS.....New York City
COULTER, CALVIN BREWSTER, A.B. Williams 1907, A.M. Princeton 1908..Chicago, Ill.
CROUZE, ALBERT PIERRE (Senior Columbia College).....Bayside, N. Y.
DENNISTON, HAROLD POST.....Ovid, N. Y.
DOWD, HEMAN LAWRENCE, A.B. Princeton 1909.....Orange, N. J.
EASTMAN, FRED WARD, A.B. Univ. of Missouri 1907.....Kansas City, Mo.
ESTRIN, HARRY JOSEPH.....New York City
FAULKNER, CLARENCE SANFORD, A.B. Oberlin 1909.....Sherburne, N. Y.
FEINBERG, MOSES MURRAY, A.B. C.C. N. Y. 1909.....New York City
FISHER, JUDSON COOK, Ph.B. Syracuse Univ. 1909.....Sunbury, Pa.
FRUCHTMAN, FRANK, B.S. C. C. N. Y. 1908.....Brooklyn, N. Y.
FURNISS, CLINTON C.....New York City
GAUL, WILLIAM HENRY, Ph.C. 1909.....Yonkers, N. Y.
GEROW, AULDER LEOPOLD, A.B. Univ. of New Brunswick 1908.....Fredericton, Can
GILIBERTI, VINCENT.....Rutherford, N. J.
GRATTAN, JAMES FRANCIS, A.B. C. C. N. Y. 1909.....New York City
GRIESEMER, ZADOC LAWRENCE, A.B. Muhlenberg 1904.....Roselle, N. J
HAAKE, CHARLES HENRY GRUBE.....New York City
HALLER, DAVID ALEXANDER, A.B. Hampden Sidney 1908.....Pocahontas, Va
HAYS, LESLIE ST. CLAIR, A.B. Presbyterian (S. C.) 1906.....Clinton, S. C.
HETZEL, WILLIAM BARR, A.B. Princeton 1909.....Pittsburg, Pa.
IORIO, EMILE FILIBERTI.....Brooklyn, N. Y.
JENNINGS, EDWARD ALLEN, Ph.B. Wesleyan 1907.....Short Hills, N. J.
KELLOGG, WILLIAM ALVIN, A.B. 1908.....New York City
KNIGHT, WILLIAM ALLEN, B.S. Drury 1907.....Conway, Mo.
KUNSTLER, MONROE B. (Senior Columbia College).....New York City
LEIFFER, JOHN HENRY.....New York City

Le Seur, Horace Hutchins, A.B. Rochester 1910 ..... Batavia, N. Y.
Levine, Solomon ..... Brooklyn, N. Y.
Loggins, James A., A.B. Park 1909 ..... Devine, Texas
Lowens, Harry ..... New York City
Mackenzie, George Miner, A.B. 1907 ..... Dobbs Ferry, N. Y.
McWilliams, Norman Beattie, A.B. Princeton 1909 ..... Ossining, N. Y.
Mayer, Edgar, A.B. C. C. N. Y. 1909 ..... New York City
Mebane, Tom Sperring ..... Wilkesbarre, Pa.
Minervini, Virginius ..... New York City
Moitrier, William, Jr., A.B. 1910 ..... Brooklyn, N. Y.
O'Leary, John George, A.B. Georgetown 1895 ..... Canandaigua, N. Y.
Paleg, Samuel ..... New York City
Passover, Gregory Constantine ..... Denver, Col.
Peters, John Punnett, Jr., A.B. Yale 1908 ..... New York City
Phipps, William Giles ..... Mt. Vernon, N. Y.
Plotz, Harry ..... Brooklyn, N. Y.
Potter, Howard Wieland ..... Elizabeth, N. J.
Raffie, Sinore Muzaffar, B.S. Univ. of Chicago 1909 ..... Kashan, Persia
Rhett, Wythe Mumford, B.S. Virginia Military Inst. 1909 ..... Columbus, Miss.
Robinson, Theodore Gardner, A.B. 1904 ..... New York City
Rosenthal, Nathan ..... Spotswood, N. J.
Roth, Leo (Lipot) ..... New York City
Sagarino, John Francis, Ph.B. Yale 1909 ..... Hartford, Conn.
Sassulsky, Isidor ..... Brooklyn, N. Y.
Schwerd, Frederick M ..... New York City
Shapiro, Louis Gerschon ..... Paterson, N. J.
Shirley, Amos Reginald (Senior Columbia College) ..... New York City
Simmons, Edward Burnside, B.S. Colgate 1906 ..... Worcester, Mass.
Skeel, Henry Robertson, A. B. Wesleyan 1909 ..... New York City
Spencer, Henry James, A.B. Syracuse 1907, A.M. Williams 1908 ..... Factoryville, Pa.
Steffen, Walther Charles August ..... College Point, N. Y.
Stephens, Richmond (Senior Columbia College) ..... New Brighton, N. Y.
Stickles, Lloyd (Senior Columbia College) ..... Newark, N. J.
Stillman, Ernest Goodrich, A.B. Harvard 1907 ..... New York City
Strauss, Spencer Goldsmith, A.B. Cornell 1909 ..... New York City
Street, Augustus ..... Vicksburg, Miss.
Street, George McQueen ..... Vicksburg, Miss.
Swift, Samuel, A.B. Yale 1908 ..... New York City
Taylor, Fenton, A.B. Harvard 1909 ..... New York City
Thorburn, Grant, A.B. Princeton 1909 ..... Rockaway, N. J.
Tunison, Emory Howard ..... Brooklyn, N. Y.
Unger, Lester Jarecky, A.B. C. C. N. Y. 1909 ..... New York City
Ward, Delancey Walton, Ph.B., Ph.D. Columbia 1894 ..... Flushing, N. Y.
Wiggers, August Frank Albert, Phar.D. 1899 ..... New York City
Williams, Jesse Feiring, A.B. Oberlin, 1909 ..... Kenton, Ohio
Williams, John Edward ..... Roselle Park, N. J.
Winslow, Thomas Scudder, A.B. Williams 1909 ..... Poughkeepsie, N. Y.

Second Year—Class of 1913 82
Seniors from Columbia College 6
88

FIRST YEAR—CLASS OF 1914

Acker, George Nicholas, Jr., B.S. Gettysburg College 1909 ..... Washington, D. C.
Adler, Herbert ..... New York City
Alexander, Harry Louis, A.B. Williams 1910 ..... New York City

ARTHUR, JAMES B. MCKEE.....New York City
ATKINSON, GEOFFREY (Junior Columbia College).....New York City
BOAS, ERNST PHILIP, B.S. Columbia 1910.....Grantwood, N. J.
BRADDOCK, WILLIAM HALLOCK, A.B. Princeton 1908.....New York City
BRASTED, HOWARD SPENCER, A.B. Hamilton 1910.....Hornell, N. Y.
BRILL, ISIDOR CHERNIACK (Junior Columbia College).....Portland, Ore.
BROTHERS, JAMES H., JR.....Utica, N. Y.
BROWN, THOMAS RUSSELL.....Montclair, N. J.
BURLINGHAM, ROBERT, A.B. Harvard 1910.....New York City
CADY, LYNDON BULKLEY, A.B. Williams 1910.....New York City
CALLAN, EDWARD, A.B. Holy Cross 1910.....Brooklyn, N. Y.
CONKLIN, CORNELIUS STEPHEN.....Ansonia, Conn.
DAWSON, FREDERICK THOMAS, Litt.B. Princeton 1910.....Holyoke, Mass.
DE MATTEO, FRANCESCO.....Brooklyn, N. Y.
DINEEN, PAUL ALBINUS LEO, A.B. St. Francis Xavier 1910.....New York City
DI PRETA, MICHELE.....New York City
EBELING, WILLIAM BRUNO (Junior Columbia College).....Brooklyn, N. Y.
EDWARDS, BRYANT BENJAMIN, B.S. Univ. of Alabama 1910.....Union Springs, Ala.
ERPF-LEFKOVICS, THUISCO ARTHUR, B.S. C. C. N. Y. 1910, A.M. Col. 1910..N. Y. City
FOSTER, BAILEY BANCROFT.....Brooklyn, N. Y.
GAMRIN, ELIAS.....New York City
GILLSON, HUGH VINCENT, A.B. St. Peters 1910.....Paterson, N. J.
GOLDBERG, HARRY.....New York City
HALPERN, HERMAN.....New York City
HAND, CORTLAND KIERNAN.....Mt. Vernon, N. Y.
HANSEN, HARRY BEAUVOIR, Ph.C. 1910.....Weehawken, N. J.
HUTCHISON, FRED RUDY, B.S. Princeton 1908.....Alexandria, Pa.
IRISH, CHARLES GILBERT (Senior Hobart College).....Lancaster, N. Y.
IRVIN, KARL FREDERICK, B.S. Gettysburg College 1909.....Altoona, Pa.
JACOBSON, SIMON, B.S. College of Charleston 1910.....New York City
KAPLAN, IRA I., B.S. C. C. N. Y. 1910.....New York City
KATZ, ELIHU, A.B. C. C. N. Y. 1910.....Brooklyn, N. Y.
KERLEY, JAMES HOYT (Junior Columbia College).....Brooklyn, N. Y.
KOENIG, EGMONT LOUIS FRANCIS (Junior Columbia College).....New York City
KOMINZ, JACOB SAMUEL, B.S. Univ. of Rochester 1909.....Rochester, N. Y.
KRAKOW, MOSES HYMEN.....New York City
KUHLMAN, ALVIN EDGAR, Ph.C. 1910.....Union, N. J.
LANDY, JOSEPH AARON, A.B. C. C. N. Y. 1910.....New York City
LAWSON, HENRY MAXWELL, JR., A.B. Colorado College 1910.....New York City
LOPEZ DE VICTORIA CASSIUS.....New York City
LUBARSKY, DAVID ARTHUR.....New York City
MACPHERSON, GEORGE W.....Sea Gate, N. Y.
MCCANN, DANIEL FRANCIS, JR., A.B. Georgetown 1910.....Brooklyn, N. Y.
MCCLURE, ROBERT EDWIN, B.S. Univ. of Georgia 1910.....Duluth, Ga.
MORRISON, WHITELAW REID, A.M. Oberlin 1910.....Ohiopyle, Pa.
NATANSON, DAVID MORRIS, B.S. C. C. N. Y. 1910.....New York City
OLIVER, NORRIS SCHERMERHORN.....East Orange, N. J.
O'REILLY, EDWARD ALOYSIUS.....New York City
PADDOCK, ROYCE, A.B. 1910.....New York City
PALLEN, CONDE DE SALES, A.B. Georgetown 1910.....New Rochelle, N. Y.
PARSONS, WILLIAM BARCLAY, JR., A.B. Harvard 1910.....New York City
PETERS, ANDREW, JR. (Junior Columbia College).....Brooklyn, N. Y.
PFEIFFER, ALFRED LESLIE.....New York City
PHILIPS, HERMAN BYROL.....New York City
PITCHER, KARL HERBERT.....Haverhill, Mass.
RAYNOLDS, RANDOLPH, A.B. Yale 1909.....New Haven, Conn.

ROGERS, RUPERT REED, A.B. Oberlin 1910.....Wellington, O.
ROSENBLUTH, MILTON BENJAMIN (Senior Columbia College).....New York City
ROSENSON, WILLIAM, B.S. C. C. N. Y. 1910.....New York City
RUNGE, OTTO ERNST (Junior Columbia College).....Brooklyn, N. Y.
SCUDDER, FRANK DYCKMAN, A.B. Yale 1910.....Tompkinsville, N. Y.
SEIBELS, ROBERT EMMET, B.S. Univ. of S. C. 1910..... Columbia, S. C.
SHULANSKY, JACOB, Ph.B. Yale 1910.....Hartford, Conn.
SINCLAIR, DONALD BUNKER, A.B. Princeton 1910.....New York City
SMALE, WILLIAM P., JR. (Junior Columbia College).....New York City
SMITH, THAYER ADAMS, A.B. Dartmouth 1910.....Hanover, N. H.
STEINHAUSER, WILLIAM.....New York City
ST. GEORGE, ARMIN VON, Ph.C. 1910.....Jersey City, N. J.
SULLIVAN, TIMOTHY FRANCIS XAVIER, A.B. C. C. N. Y. 1907.....New York City
TENNEY, ASHTON MELVILLE.....Granville, N. Y.
TITUS, NORMAN EDWIN, Ph.B. Yale 1910.....New York City
VALENSI, ALBERT (Junior Columbia College).....Brooklyn, N. Y.
VERMILYE, HERBERT NOBLE, A.B. Princeton 1910.....Orange, N. J.
WEISS, ADOLPH ABRAHAM, A.B. C. C. N. Y. 1910.....New York City
WRIGHT, WILLARD LYMAN.....Keene, N. H.
YOUNG, RALPH HOWARD (Junior Columbia College).....Newport, R. I.

First Year—Class of 1914	68
Juniors and Seniors from Columbia College	11
	79

NON-MATRICULATED (SPECIAL) STUDENTS

BENDICK, ARTHUR J., M.D. 1910.....New York City
BYRNE, JOSEPH, A.B. Royal Univ. of Ireland 1890, A.M. St. Francis Xavier New York 1893, LL.B. New York Law School 1900, M.D. 1895.....New York City
DOWNEY, JAMES M., Ph.G. 1888; M.D. L. I. Med. 1891.....Brooklyn, N. Y.
FRIEDMAN, LOUIS, M.D. N.Y. Univ. 1897.....New York City
IVES, FREDERICK MERWIN, M.D. Univ. of Penn., 1900.....New York City
LEUTY, JOSEPH DAVID, M.D. Vanderbilt 1898.....Spokane, Wash.
MURPHY, JOSEPH PAUL, M.D. 1894.....New York City
SANDS, JOHN B., M.D. Eclectic Med. Cincinnati 1893..... Ocean Park, Calif.

Non-matriculated	8

SUMMARY

Fourth Year—Class of 1911	72
Third Year—Class of 1912	90
Second Year—Class of 1913	82
First Year—Class of 1914	68
Non-matriculated (Special Students)	8
	320
Juniors and Seniors from Columbia College	17
Total	337

THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

The Faculty

President Butler
Dean Goetze
Professor [1] Chandler
Professor [3] Munroe
Professor Moses
Professor Kemp
Professor [2] Peele
Professor Hallock
Professor [1] Crocker
Professor Pupin
Professor [3] Burr
Professor Fiske
Professor Jacoby
Professor [1] Howe
Professor [1] Pellew
Professor Lovell
Professor [1] Sever
Professor [2] Maclay
Professor Bogert
Professor J. L. R. Morgan
Professor [2] Grabau
Professor Mayer
Professor Keyser
Professor Parker
Professor [3] Meylan
Professor Luquer
Professor [1] Pfister
Professor H. C. Sherman
Professor Wills
Professor Tucker
Professor [1] Black
Professor Lucke
Professor Rautenstrauch
Professor Campbell
Professor Kurtz
Professor Curtis
Professor S. A. Mitchell
Professor Walker
Professor Pegram
Professor Davis
Professor Jones
Professor Burnside
Professor Arendt
Professor Berkey
Professor Morecroft
Professor Fite
Professor Hawkes
Professor Hodge
Professor Slichter
Professor Whitaker
Professor Wendell
Professor Williams

Officers of the Faculty

Mr. Goetze.....*Dean and ex-officio Member of the University Council*
Professor Jones.....*Secretary*
Professor Bogert..(Term expires 1911)..*Elected Delegate to the University Council*
Professor Munroe..(Term expires 1913)..*Elected Delegate to the University Council*
Professor Meyer.....*Secretary*

[1] Absent on leave 1910–11.
[2] Absent on leave first half-year.
[3] Absent on leave second half-year.

Standing Committee

COMMITTEE ON INSTRUCTION: The Dean (Chairman), Professors Kemp, Lovell, Lucke, and Walker.

COURSES

The Faculty of Applied Science has charge of the following schools:

The SCHOOL OF MINES, with four-year courses leading to the degrees of Engineer of Mines and Metallurgical Engineer.

The SCHOOL OF ENGINEERING, with four-year courses in Civil Engineering, Sanitary Engineering, Electrical Engineering, and Mechanical Engineering, the first two leading to the degree of Civil Engineer, and the others to the degree of Electrical Engineer and Mechanical Engineer, respectively.

The SCHOOL OF CHEMISTRY, with four-year courses leading to the degrees of Chemist and Chemical Engineer.

These courses are intended to meet the requirements of the several professions indicated. Many of the courses permit a certain amount of specialization, particularly in the fourth year.

Candidates for a professional degree who have some special end in view are sometimes permitted to vary the regular course by substituting for the courses ordinarily prescribed, courses for other degrees offered under this Faculty. Students holding an academic degree who become candidates for the degree of Master of Arts or Doctor of Philosophy may offer work in one or more of these branches of technology either as a major or a minor subject under the Faculty of Pure Science and will be given opportunity for special study and investigation.

(See page 185)

ADMISSION

Collegiate Preparation Recommended

The liberal training offered by a preliminary Collegiate Course is quite as important to engineers, metallurgists, and chemists as to lawyers, physicians, or clergymen, and is strongly recommended by the Faculty of Applied Science. This, however, does not and should not involve a residence of eight years in college and technical school before a candidate receives the professional degree.

A graduate of any good college who has selected his course with reference to future work in applied science is able to complete the requirements for a degree in the Schools of Mines, Engineering, and Chemistry in three years or less after receiving the Bachelor's degree. The opportunities for close articulation between Columbia College and these Schools are particularly good.

Requirements for Admission for Students without Collegiate Preparation

(See page 173)

Admission to Advanced Standing

The uniform first year in the Schools of Mines, Engineering, and Chemistry, and the efficient coördination of the subsequent years, make it possible for graduates of colleges and scientific schools to enter Columbia University with advanced standing and to complete the requirements for a professional degree without undue delay through conflicts and other causes. It is very desirable, however, that students in other colleges who are planning to take professional work after graduation should get into correspondence with the University as early as possible. If this is done they may receive advice with regard to the most advantageous collegiate subjects to elect, and also with regard to the summer courses of Columbia University. By taking certain summer work at the University in advance, a student sometimes may save six months or a year in entering upon his professional career. A separately printed leaflet on admission to advanced standing in these Schools will be sent on application to the Secretary of the University.

Candidates for admission to advanced standing should make application in writing to the Chairman of the Committee on Undergraduate Admissions in time to reach him before September 11, 1911.[1] The application must be accompanied by properly certified official statements of his standing in the subjects which he offers.

The Committee will notify the candidate at the address given in his letter, between September 12 and 16, 1911, what courses of those offered, are accepted as equivalent to courses at Columbia University. In general, the Committee gives credit for complete courses only. In cases where the work previously done by the candidate has not been accepted by the Committee, the candidate should present himself at regular fall examinations during the two weeks immediately preceding the opening of the University (in 1911, September 18–25). For courses in which no regular fall examination is held, the candidate should report at the office of the Dean. The schedule of fall examinations is to be obtained from the Registrar. A fee of $5 is charged for these examinations, to all applicants who do not take them at the regular time.

No applicant will be allowed to enter the fourth-year class as a candidate for a degree after October 15 in any year.

It is suggested that candidates deficient in one or more entrance subjects in June, or who desire to make up first- and second-year subjects, arrange to take courses in them in the Summer Session of

[1] When the candidate is at a considerable distance from the University, his application should be made as early as possible in order that he may receive the reply in time to present himself at the University on September 18, 1911.

Columbia University, beginning on July 5, 1911, the *Announcement* of which will be sent upon application to the Secretary of the University.

Admission to Special Courses

Graduates of the Schools of Mines, Engineering, and Chemistry, and of other institutions of equal grade may pursue any subjects taught in the schools for which they are properly qualified.

Persons of mature age who are not graduates, but who show special qualifications, are sometimes permitted to pursue special courses, but this permission is not given to others. (For the general regulations as to non-matriculated students, see corresponding section on page 192.)

Registration and Fees

(See page 38, *et seq.*)

Fellowships and Scholarships

(See page 434)

Rules Governing Students

1. A student cannot be a candidate for more than one professional degree at the same time.

2. A candidate for a degree must comply with all requirements in force at the time said degree is conferred.

3. A student will be permitted to substitute one subject for another provided he obtains the consent of the Dean, the heads of departments concerned, and the head of the department giving the technical instruction leading to the degree.

4. A student absent from more than one-tenth of the required exercises will be debarred from examination in that subject. No student shall be exempt from this regulation except by action of the Committee on Instruction.

5. After examinations have been held, officers shall send to the Registrar a list of all students who have attended their courses, indicating proficiency by numbers on a scale of 10, a mark below 6 signifying a failure to pass. Reports of standing will be sent to first- and second-year students every five weeks and to the third- and fourth-year students at the end of each term. Copies of all reports are at the same time sent to the Dean, to the Faculty Adviser, and, in the case of first- and second-year students, the parent or guardian. They will be sent to the parent or guardian of third- and fourth-year students only on request.

6. Regular examinations may be held at the end of the 1st and 2d term or both, or at the completion of any course.

7. Special examinations for students debarred or deficient at regular examination shall be held during the two weeks in September preceding

the opening of the next following academic year; and for members of the fourth class in subjects belonging to that year only, during the first week in May.

8. Failure to pass a Summer Session course, credit for which would be accepted as equivalent to a regular undergraduate course in the Schools of Mines, Engineering, and Chemistry, shall be counted, in case a student registers for said course, as one of the three failures referred to in Rule 10.

9. The fee for special examinations is $5 for each course, which must be paid when the application is made. For special examinations in the September series the maximum fee is $25.

10. A student failing to pass in any subject at the regular examinations must present himself for special examination as provided under Rule 7.

Failing to pass the second examination, he must repeat the subject with the next class. Failing a third time to pass a satisfactory examination he shall be dropped from the roll of the School.

11. Absence from any regular or special examination provided for in Rules 7 and 8 shall count as a failure unless excused by the Dean for reasons of weight.

12. No student having an entrance deficiency shall be permitted to register for any subject of the second, third, or fourth year without the written consent of the Dean, and no student shall be permitted to register for any subject the prerequisites for which have not been satisfied by him unless the Dean, for reasons of weight, grants him special permission.

13. Any student who shall have passed a satisfactory examination in Columbia College in any subject forming a part of one of the professional courses in the Schools of Mines, Engineering, and Chemistry will not be required to pursue that subject a second time.

14. During vacations following the close of each year, memoirs on assigned subjects must be prepared by the students in the courses of Metallurgy, Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, and Chemistry. The time specified for the completion and handing in of memoirs is the first Monday in November.

A student failing to hand in his memoir, drawings, or other summer work shall be considered to have failed; to have his work received later, he will be obliged to pay a fee of $5, as for a special examination.

15. By permission of the Dean, and concurrence of the heads of departments concerned, a student may attend subjects not required for his degree, provided such attendance does not interfere with his regular work. He must fulfil all the requirements exacted from regular students in such course.

Application for each special examination, except as provided below, must be filed at the office of the Registrar at least one week before the examination is to be taken, and in September and May at least one week

before the first day of the respective examination period (in 1910–11 not later than Monday, September 19, and Monday, April 24, respectively). For later application an additional fee of $5 for any examination or series of examinations will be charged. Applications must be made on blanks (one for each course) to be obtained from the Registrar.

During the academic year students will be held responsible for the receipt of reports and other official communications sent to them at the coat room in Havemeyer Hall. During the summer vacation they will be held responsible for the receipt of such communications sent to their home addresses.

Admission on Probation

Every first-year student admitted conditionally will be held under probation during the first half-year of residence. So far as possible students on probation are given the opportunity in Columbia College or in the Department of Extension Teaching to make good their deficiencies. Not later than the end of this period, the Dean, on the basis of reports from the head of each department in which the student is registered, will decide whether he shall be admitted to full standing, have his period of probation extended, or be dropped from the roll. The mark of 7 or higher, obtained in any subject at the end of the first half-year of residence, will be regarded as removing an entrance condition in that subject, unless the condition was incurred in a part of the subject not directly involved in the work of the course. Any condition not so removed must be satisfied by formal examination.

Equipment and Collections

Detailed information as to the laboratories, museums, collections, libraries, and other facilities for study and research will be found in the departmental statements as follows:

Chemistry, page 69.
Civil and Sanitary Engineering, page 75.
Electrical Engineering, page 97.
Geology, page 105.
Mechanical Engineering, page 124.
Metallurgy, page 127.
Mineralogy, page 129
Mining, page 130
Physics, page 153.

Chemical and Assay Apparatus

(See page 73)

SUMMARY OF PROFESSIONAL COURSES OF STUDY

NOTE: Detailed tabular arrangements of each year of these courses will be found in the *Announcement of the Schools of Mines, Engineering, and Chemistry*. (See also Departmental Statements, pages 53–172.)

Uniform Curriculum for the First Year

The curriculum for the first year of the four-year courses leading to the degrees of Engineer of Mines, Metallurgical, Civil, Electrical, Mechanical, and Chemical Engineer and Chemist is the same in every respect and the student entering the first-year class need not declare which course he will follow until the end of the year, when he will have the advantage of the experience gained during the first year's work, where uncertainty exists respecting inclination or natural bent.

As will be seen in the tabular statement given below this first year is mainly devoted to a thorough grounding in mathematics, physics, and chemistry, the three fundamental subjects which form the indispensable basis for all broad and successful engineering work, not only in the remaining years of the course, but throughout the entire professional career. Specialization begins to some extent in the second year and becomes more marked in the third and fourth years.

First Half-Year		Hours per week	
		Class	Lab'y
Chemistry 3	General Inorganic Chemistry	3	
Drafting 1	Engineering Drafting	1	14
Drafting 3	Descriptive Geometry	3	
Mathematics 1	Algebra	2	
Mathematics 3	Analytical Geometry	3	
Mechanics 1	Elementary Mechanics	2	
Phys. Educ. A	Gymnasium		2
Physics 3	Elementary Mechanics, Properties of Matter and Heat	5	
	Total..	19	16
Second Half-Year			
Civil Eng. 2	Theory of Surveying	2	
Chemistry 4	General Inorganic Chemistry	3	
Chemistry 62	Qualitative Analysis	4	13
Mathematics 2	Differential Calculus	2	
Mathematics 4	Analytical Geometry	3	
Phys. Educ. A	Gymnasium		2
Physics 4	Light, Sound, Electricity, and Magnetism	3	
	Total..	17	15
SUMMER WORK: Civil Eng. 15s. Five weeks of surveying practice.			

The class is arranged in two divisions, Division B completing engineering drafting and descriptive geometry in the first term while Division A is completing qualitative analysis, the two divisions revers-

ing the operation in the second term. This plan secures greater concentration of work; it facilitates the transfer of students to advanced standing from other institutions; and it enables well prepared students entering in February and taking advantage of the University Summer Session to catch up with their class by the following autumn.

To secure the most effective individual instruction the class is also divided for quizzes and recitations into six, eight, and twelve sections.

Leading to the Degree of Engineer of Mines

The four-year course leading to the degree of Engineer of Mines is intended primarily to train men to undertake the development of mineral properties, the design and construction of mine plants, and to manage mines. The course includes training in metallurgy. It is

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Civil Eng. 23	2	3	Civil Eng. 53	5	3	Elect. Eng. 75	1	3
Chemistry 81	3		Civil Eng. 53		3	Geology 201		
Drafting 7		3	Chemistry 69	2	9	Metallurgy 101, 111	3	
Physics 5	2		Geology 105	3		Metallurgy 131, 141	2	
Mathematics 65	5		Mech. Eng. 13	3		Mining 71	3	
Mineralogy 1	6	9	Mech. Eng. 17	2		Mining 73	1	
Phys. Educ. B		2	Mining 51	3		Mining 75		12
						Mining 81	4	
						Mining 91	2	
Total hours	18	17		18	15		16	15
Second Half-Year								
Chemistry 66	3	15	Civil Eng. 54		3	Civil Eng. 76	2	
Chemistry 82	3		Civil Eng. 64	1	3	Geology 16		
Elect. Eng. 2	2		Elect. Eng. 72		3	Geology 110	2	
Geology 6	6		Elect. Eng. 4	2		Mech. Eng. 74	2	
Mechanics 102	5		Geology 4		3	Metallurgy 72		2
Phys. Educ. B		2	Geology 106	3		Metallurgy 122	3	
			Mech. Eng. 14	3		Mining 56	3	
			Mech. Eng. 76	1	3	Mining 72	3	
			Mineralogy 6		3	Mining 78		12
			Mining 52	2		Mining 80	1	
			Mining 54	3		Mining 82		3
						Mining 94	2	
Total hours	19	17		15	18		18	17

For significance of course numbers see pages 53–172.

[1] Summer work: Civil Engineering 27s and 28s (eight weeks).

[2] Summer work: Field work, Mining, Metallurgy and Geology (eight weeks).

necessarily a broad one, comprising a wide range of studies in pure and applied science, and for this reason is frequently taken by students desiring a general scientific training.

The subjects most emphasized in this course are mining, metallurgy, geology, and engineering.

Metallurgy requires knowledge of inorganic and applied chemistry qualitative and quantitative analysis, and assaying.

Geology must carry with it preliminary training in crystallography, mineralogy, and petrography.

Engineering in all its branches needs a fundamental knowledge of mathematics, physics, and mechanics and thermodynamics. The proper design and construction of mining plants involve the study of certain branches of civil engineering, and the many and increasing applications of machinery to mining make it necessary to give much time to the theory and practice of mechanical and electrical engineering.

Leading to the Degree of Metallurgical Engineer

This course, which covers four years, is intended for those who expect to follow metallurgical work and become trained metallurgists in any

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Civil Eng. 23	2	3	Civil Eng. 53	5	3	Chemistry 121	3	3
Chemistry 81	3		Chemistry 69	2	9	Elect. Eng. 75	1	3
Physics 5	2		Geology 105	3		Metal'gy 131	1	
Mathematics 65	5		Mech. Eng. 13	3		Metal'gy 141	1	
Mineralogy 7	6	6	Mech. Eng. 17	2		Metal'gy 151	2	
Phys. Educ. B		2	Metallurgy 101	1		Metallurgy 175	1	
Physics 43		6	Metallurgy 111	2		Metallurgy 177		12
			Metallurgy 171		6	Mining 73	1	
						Mining 81	4	
						Mining 91	2	
Total hours	18	17		18	18		16	18
Second Half-Year								
Chemistry 66	3	12	Civil Eng. 54		6	Civil Eng. 76	2	
Chemistry 82	3		Civil Eng. 64	1	3	Chemistry 122	3	
Drafting 8		3	Elect. Eng. 72		3	Mech. Eng. 72	2	3
Elect. Eng. 2	2		Elect. Eng. 4	2		Metallurgy 78		12
Geology 6	6		Geology 106	3		Metal'gy 118	1	
Mechanics 102	5		Mech. Eng. 14	3		Metal'gy 128	1	
Phys. Educ. B		2	Mech. Eng. 76	1	3	Metallurgy 134	1	
			Metallurgy 122	3		Metal'gy 138	1	
			Mining 54	3		Metal'gy 148	1	
						Mining 80	1	
						Mining 82		3
						Mining 94	2	
Total hours	19	17		16	15		15	18

For significance of course numbers see pages 53–172.

[1] Summer courses: Civil Engineering 27s (five weeks); Civil Engineering 28s (three weeks).

[2] Summer courses: Metallurgy 66s (three weeks); Metallurgy 64s (three weeks); Geology 112s (one week).

of the branches of the profession. For the first two years much attention is paid to a thorough training in fundamental subjects, especially in mathematics, chemistry, physics, geology, mineralogy, and preliminary courses in engineering. In the third year instruction in metal-

lurgy begins both by lectures and in the laboratories, while courses in engineering, especially mechanical engineering, chemistry, and geology, are also provided for. The fourth year is devoted largely to advanced courses in metallurgy, and great stress is laid on giving, by laboratory work, familiarity with difficult high temperature conditions of metallurgy, skill in microscopic and pyrometry and training in execution and in the interpretation of the results developed. At the same time attention is devoted to the higher branches of engineering and chemistry and to important courses in mining engineering which are considered necessary.

In the summer schools, carefully arranged courses in general surveying, in railroad work, geological field work, and visits to metallurgical works are provided for. In the six weeks summer courses at metallurgical works, the students are required to carefully study processes, make dimension sketches of furnaces and mills, and by observation and instruction are given a thorough understanding of metallurgical operations as conducted at the present time.

Leading to the Degree of Civil Engineer

The courses of study given in the Department of Civil Engineering are so formulated as to constitute broad educational training of a

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Botany 7	1	3	Astronomy 105	3		Civil Eng. 75	4	
Civil Eng. 21	2		Civil Eng. 51	2	3	Civil Eng. 85	2	3
Drafting 5		6	Civil Eng. 53	5	3	Civil Eng. 87	2	3
Physics 5	2		Civil Eng. 53		3	Civil Eng. 89	3	3
Mathematics 65	5		Civil Eng. 59	2		Civil Eng. 95	2	
Mech. Eng. 13	3		Civil Eng. 61	2	3	Civil Eng. 99		3
Mineralogy 5	2	2	Mech. Eng. 17	2		Mech. Eng. 41	1	3
Mining 53	3		Mech. Eng. 77	1	3	Mech. Eng. 63		3
Phys. Educ. B		2						
Shopwork 15		3						
Total hours	18	16		17	15		14	18
Second Half-Year								
Chemistry 82	3		Astronomy 106	1	3	Civil Eng. 88	2	3
Drafting 8		6	Civil Eng. 52	3	3	Civil Eng. 90	3	3
Elect. Eng. 2	2		Civil Eng. 54		3	Civil Eng. 94	2	
Geology 18	3	*3	Civil Eng. 58	3	3	Civil Eng. 98	2	
Mech. Eng. 14	3		Civil Eng 62	2	3	Civil Eng. 100	3	6
Mechanics 102	5		Elect. Eng. 72		3	Elect. Eng. 76	1	3
Metallurgy 134	2		Elect. Eng. 4	2		Elect. Eng. 112	2	
Phys. Educ B		2	Mech. Eng. 18	2		Mech. Eng. 46	3	
Physics 44		6	Mech. Eng. 78	3				
Shopwork 16		3						
Total hours	18	20		16	18		18	15

For significance of course numbers see pages 53–172.

* Saturday afternoon during April and May.

[1] Summer work: Civil Engineering 25s (five weeks).

[2] Summer work: Civil Engineering 26s, Astronomy 107S (five weeks); Civil Engineering 101s (four weeks).

professional character for students intending to follow the practice of civil engineering or such other affiliated callings as may be based more or less upon the various branches of civil engineering. These courses of study can be taken more advantageously if the student has had a preliminary general training equivalent to that of an ordinary college course although that condition is not a requisite. Through these courses of study there is set forth a thorough grounding in the fundamental principles of engineering science as the first essential, supplemented, however, by constant exercises in the application of those fundamental principles to all the operations of the civil engineer, involving structures, machines, and processes connected with the adaptation and transmission of power for industrial and other purposes.

Sanitary Engineering

The course in Sanitary Engineering is a differentiation from the regular course in Civil Engineering and naturally leads, therefore, to the same degree. The first year is identical with the first year of other engineering courses, while the second year is almost identical with the regular second-year work of the course in Civil Engineering. The special

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Botany 7	1	3	Astronomy 105	3		Civil Eng. 75	4	
Civil Eng. 21	2		Zoölogy 7 }			Civil Eng. 85	2	3
Chemistry 65	2	6	Bacteriology }	2	6	Civil Eng. 87	2	3
Drafting 5		6	101 }			Civil Eng. 89	3	3
Physics 5	2		Civil Eng. 51	2	3	Civil Eng. 95	2	
Math. 65	5		Civil Eng. 53	5	3	Civil Eng. 55		6
Mech. Eng. 13	3		Civil Eng. 53		3	Civil Eng. 57a }	2	
Mineralogy 5	2	2	Civil Eng. 59	2		Civil Eng. 57b }		
Phys. Educ. B		2	Civil Eng. 61	2	3	Mech. Eng. 17	2	
			Chemistry 41	2		Mech. Eng. 63		3
Total hours	17	19		18	18		17	18
Second Half-Year								
Chemistry 82	3		Astronomy 106	1	3	Civil Eng. 90	3	3
Drafting 8		6	Civil Eng. 52	3	3	Civil Eng. 94	2	
Elect. Eng. 2	2		Civil Eng. 54		3	Civil Eng. 98	2	
Geology 18	3	*3	Civil Eng. 58	3	3	Civil Eng. 96	3	
Mechanics 102	5		Civil Eng. 62	2	3	Civil Eng. 100		9
Mech. Eng. 14	3		Chemistry 42	2		Elect. Eng. 76	1	3
Metallurgy 134	2		Elect. Eng. 72		3	Mech. Eng. 76	1	3
Physics 44		6	Elect. Eng. 4	2		Mech. Eng. 82	3	
Shopwork 16		3	Mech. Eng. 78	3				
Chemistry 92a		*2						
Phys. Educ. B		2						
Total hours	18	22		16	18		15	18

For significance of course numbers see pages 53–172.

* February and March—Microscopy; April and May—Geology.

[1] Summer work: Civil Engineering 25s (five weeks).

[2] Summer work: Civil Engineering 26s, Astronomy 107S (five weeks); Civil Engineering 71s (four weeks).

extensions in sanitary work are developed in the third and fourth years. It will be found that these sanitary subjects are set forth so as to cover in a thorough and comprehensive way those special fields occupied by the sanitary engineer of the present day. They include the sanitary treatment of water supplies and sewage with special work extended both by lectures and laboratory work into biology and bacteriology, standard laboratory methods in the sanitary administration of public water supplies, drainage, heating, and ventilation and the general principles of sanitary science, public health, and hygiene. These sanitary specialties are of advanced character, covering the latest investigations in such special work as daily bacterial tests of potable water for public purposes, the extermination of mosquitoes and other disease-carrying insects, the improvement of public health conditions found in cities and towns, the drainage and sanitary treatment of lands and the sanitary administration of buildings and industrial establishments liable to create nuisances. A graduate, therefore, of this course is qualified to enter the advanced practice of sanitary engineering in all its special fields.

Leading to the Degree of Electrical Engineer

The objects for which the regular four-year course in Electrical Engineering is designed and the education which it is intended to give are fully set forth in the *Announcement*.

[1] SECOND YEAR			[1] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Chemistry 65	2	6	Civil Eng. 53	5	3	Chemistry 183	2	3
Chemistry 81	3		Civil Eng. 53		3	Elect. Eng. 103	3	
Physics 5	2		Civil Eng. 77	2		Elect. Eng. 105	3	
Mathematics 65	5		Elect. Eng. 101	2		Elect. Eng. 175	1	6
Mech. Eng. 13	3		Elect. Eng. 173		6	Elect. Eng. 177	1	6
Phys. Educ. B		2	Mech. Eng. 17	2		Mech. Eng. 53	2	
Physics 43		6	Mech. Eng. 41	1	3	Mech. Eng. 77	1	3
Physics 105	2		Mechanics 105	2		Mechanics 109	4	
Shopwork 13		3	Mechanics 107	2				
Total hours	17	17		16	15		17	18
Second Half-Year								
Chemistry 38	2		Economics 2	3		Elect. Eng.		3
Chemistry 82	3		Elect. Eng. 52	2	3	Elect. Eng. 54 / Elect. Eng. 98	2	3
Drafting 6	1	6	Elect. Eng. 104	3		Elect. Eng. 106	2	
Drafting 8		6	Elect. Eng. 174		3	Elect. Eng. 110	2	
Elect. Eng. 2	2		Mech. Eng. 18	2		Elect. Eng. 112	2	
Mech. Eng. 14	3		Mech. Eng. 36		6	Elect. Eng. 176	1	8
Mechanics 102	5		Mech. Eng. 76	1	3	Mech. Eng. 56	1	
Metallurgy 134	2		Mechanics 108	3		Mech. Eng. 60		3
Phys. Educ. B		2				Mech. Eng. 72	2	3
Shopwork 14		3				Mechanics 110	2	
Total hours	18	17		14	15		14	20

For significance of course numbers see pages 53–172. [1] Summer memoir.

The first two years of the course are devoted to the fundamental subjects, including mathematics, physics, chemistry, mechanics, drawing, and certain electrical and mechanical engineering subjects which are elementary or introductory in character.

These fundamental and introductory subjects are intended to lay a broad and substantial foundation upon which the more specialized professional instruction of the third and fourth years is based. Even in these later years theoretical subjects, such as thermodynamics and electrical theory, are included and given most careful attention.

Leading to the Degree of Mechanical Engineer

The first two years of this course are devoted to essential preparatory and fundamental subjects, mathematics, chemistry, physics, analytical mechanics, and drawing, which are co-ordinated with kinematics, elementary design, shopwork, and the elements of electrical and steam engineering. In the third year there are developed the basic principles of thermodynamics, resistance of materials, and hy-

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Chemistry 81	3		Civil Eng. 53	5	3	Elect. Eng. 75		3
Drafting 7		3	Elect. Eng. 73		3	Elect. Eng. 103	2	
Physics 5	2		Elect. Eng. 101	2		Elect. Eng. 105	2	
Mathematics 65	5		Mech. Eng. 17	2		Mech. Eng. 19	3	6
Mech. Eng. 11	3		Mech. Eng. 31	1	3	Mech. Eng. 25	3	6
Mech. Eng. 59	2	3	Mech. Eng. 39	1	6	Mech. Eng. 33	2	3
Phys. Educ. B		2	Mechanics 105	2		Mech. Eng. 53	2	
Physics 43		6	Shopwork 11		6	Mech. Eng. 61	1	
Shopwork 1		6						
Total hours	15	20		13	21		15	18
Second Half-Year								
Chemistry 82	3		Civil Eng. 54		3	Law 2	3	
Elect. Eng. 2	2		Civil Eng. 78	2		Economics 2	3	
Mech. Eng. 12	3	3	Elect. Eng. 4	2		Mech. Eng. 20	3	6
Mech. Eng. 36		6	Mech. Eng. 18	2		Mech. Eng. 22	4	3
Mechanics 102	5		Mech. Eng. 32	1	3	Mech. Eng. 46	3	
Metallurgy 134	2		Mech. Eng. 40	2	6	Mech. Eng. 52	2	
Phys. Educ. B		2	Mech. Eng. 54	2		Mech. Eng. 68	2	3
Shopwork 2		3	Mech. Eng. 62					
Shopwork 12		6	Mech. Eng. 64	6				
			Mech. Eng. 66					
			Mech. Eng. 70					
			Mech. Eng. 60	1	3			
			Metallurgy 156					
Total hours	15	20		18	15		20	12

For significance of course numbers see pages 53–172.

[1] Summer work: Shopwork 10s, 12s hours in College shops; Mech. Eng. 94s, six weeks practical work in shops and drafting rooms of manufacturing establishments, with report: a total of nine weeks.

[2] Summer work: Mech. Eng. 96s (six weeks practical experience in power plant with report).

draulics, which are fixed in the mind of the student by drill in the drafting room by design courses, in the laboratory by experiments and tests, and in class by analysis of standard mechanical and electrical machinery. The fourth year is devoted to a detailed treatment of gas and steam engine design, standard water turbine characteristics, and the essential relations between units constituting power plants and factories. Special attention is here paid to the economics of mechanical engineering by courses in industrial law, economics, and works management. Throughout the course the aim is to develop clear conceptions of underlying principles, habits of independent thought and orderly mental procedure applicable to any sort of mechanical engineering problems rather than to the memorization of isolated facts. The training given not only fits the student to take up the design of machinery and the perfection of processes of doing things by mechanical means, but also to take ultimately a leading place in the management of the manufacturing and transportation industries.

Leading to the Degree of Chemical Engineer

The regular four-year course of instruction is designed primarily for the education of professional chemists who intend to devote their

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Chemistry 41	2		Civil Eng. 53	5	3	Civil Eng. 77	2	
Chemistry 81	3		Chemistry 83	3		Chemistry 85	3	
Chemistry 163	4	9	Chemistry 171	4	9	Chemistry 89		3
Drafting 7		6	Mech. Eng. 13	3		Chemistry 97	3	
Physics 5	2		Mech. Eng. 59	2	3	Chemistry 121	3	2
Mathematics 65	5		Metallurgy 131	1		Mech. Eng. 17	2	
Mineralogy 15		3	Metallurgy 141	1		Mech. Eng. 39	1	6
Phys. Educ. B		2				Mech. Eng. 77	1	3
						Metallurgy 101, 111	3	
Total hours	16	20		19	15		18	14
Second Half-Year								
Chemistry 42	2		Civil Eng. 54		3	Chemistry 86	3	
Chemistry 82	3		Chemistry 84	3		Chemistry 98	1	
Chemistry 164	4	15	Chemistry 150	2	9	Chemistry 122	3	
Elect. Eng. 2	2		Elect. Eng. 72		3	Chemistry 184	2	3
Mechanics 102	5		Elect. Eng. 4	2		Chemistry		9
Mineralogy 16		3	Mech. Eng. 14	3		Mech. Eng. 18	2	
Phys. Educ. B		2	Mech. Eng. 70	2		Mech. Eng. 52	2	
						Mech. Eng. 76	1	3
						Metallurgy 72		2
						Metallurgy 122	3	
Total hours	16	20		12	15		17	17

For significance of course numbers see pages 53–172.

[1] Summer work: Chemistry 80a, Chemistry 69s, Shopwork 18s (three weeks in June).

[2] Summer work: Chemistry 80b; Chemical factory work with memoir (six weeks).

lives to the practice of this profession, either as teachers in colleges after pursuing further studies, or as research chemists, chemists or managers in manufacturing and other industrial enterprises.

The course in chemical engineering, as will be seen, is designed to educate chemists with a sufficient amount of engineering to fit them to take charge of chemical works which depend largely on the use of machinery. This requires a knowledge of mechanical engineering, electrical engineering, hydraulics, mechanical drawing, shopwork, etc., as well as a thorough knowledge of chemistry in all its branches.

Leading to the Degree of Chemist

The regular four-year course of instruction is designed for the education of professional chemists who intend to devote their lives to the practice of this profession, either as teachers in colleges and scientific schools, after further preparation, or as chemists or research chemists in manufacturing and other industrial enterprises.

[1] SECOND YEAR			[2] THIRD YEAR			FOURTH YEAR		
First Half-Year								
Courses	Class	Lab'y	Courses	Class	Lab'y	Courses	Class	Lab'y
Chemistry 21	2		Chemistry 83	3		Chemistry 7 }		
Chemistry 41	2		Chemistry 91		4	Chemistry 23 }		
Chemistry 81	3		Chemistry 101	2		Chemistry 93 }		
Chemistry 163	4	12	Chemistry 171	4	15	Chemistry 95 }	(2)	
Physics 5	2		Chemistry 183	1		Chemistry 143 }		
Mathematics 65	5		Mech. Eng. 13	3		Chemistry 167 }		
Mineralogy 15		3	Metallurgy 131	1		Chemistry 173 }		
Phys. Educ. B		2	Metallurgy 141	1		Chemistry 85	3	
						Chemistry 89		3
						Chemistry 121	3	2
						Chemistry 141	5	12
						Metallurgy 101, 111	3	
						Metallurgy 131	1	
Total hours	18	17		15	19		15	17
Second Half-Year								
Chemistry 22	3	2	Chemistry 84	3		Chemistry 86	3	
Chemistry 42	2		Chemistry 88		6	Chemistry 122	3	
Chemistry 82	3		Chemistry 92		4	Chemistry 142	5	
Chemistry 164	4	12	Chemistry 102	2		Metallurgy 122	3	
Elect. Eng. 2	2		Chemistry 170	2	9	*Thesis*—	2	15
Mechanics 102	5		Chemistry 184	1	3	Chemistry 8		
Mineralogy 16		3	Mech. Eng. 14	3		Chemistry 24		
Phys. Educ. B		2				Chemistry 94		
						Chemistry 96		
						Chemistry 144		
						Chemistry 168		
						Chemistry 174		
						Chemistry 176		
Total hours	19	19		11	22		16	15

For significance of course numbers see pages 53–172.

[1] Summer Work: Chemistry 80a, memoir. [2] Summer Work: Chemistry 80b, memoir.

The course in chemistry includes not only all branches of theoretical, analytical, and industrial chemistry, but also collateral sciences, such as mathematics, mechanics, physics, mineralogy, metallurgy, mechanical and electrical engineering, and drawing, which have been found by experience to be required by the professional chemist. It is the intention to provide the graduate not only with a thorough knowledge of the principles and practice of chemistry in all its branches, but with such a broad and liberal education in the collateral sciences as will prepare him for every demand that will be likely to be made upon him in connection with his profession or in the pursuit of investigation.

REGISTER OF STUDENTS

Schools of Mines, Engineering, and Chemistry

FOURTH YEAR—CLASS OF 1911

Mining Engineering

Ayer, Frank Ashton.....New York City
Bains, Thomas Mellor, Jr. .....Philadelphia, Pa.
Banks, Harold Purdy, A.B. 1910.....Boonton, N. J.
Becker, Philip F., B.S. C. C. N. Y. 1907.....New York City
Cobden, Richard, Jr.....Larchmont Manor, N. Y.
Corsa, Howard Pinckney.....New York City
Dickenson, Ernest H., A.B. Laval 1907.....New York City
Dwyer, Charles Eustace, A B. 1909.....New York City
Fletcher, Arthur Ransford, A.B. Leland Stanford 1906.....Vancouver, B. C.
Franke, Robert, B.S. Cooper Inst. 1906.....Newark, N. J.
Guitéras, Joseph Ramon.....Yonkers, N. Y.
Hall, Albert Edward.....New York City
Hanke, Adolph G.....Cincinnati, O.
Hazzard, Lynne F.....Bisbee, Arizona
de Hierapolis, George Sahb, Jr.....New York City
Hill, Walter Charles.....Hagaman, N. Y.
Hoffman, J. Milton.....New York City
Iseman, Percy R.....New York City
Jahn, Gustave A.....New York City
Kirk, Donald.....Axis, Ala.
Koster, John William.....Yonkers, N. Y.
Kruemmer, Adolph Wilhelm.....Clausthal, Germany
Laroque, Fulgence.....Bordeaux, France
Latimer, Empie, B.S. Princeton 1908.....Wilmington, N. C.
Latimer, Herbert Russell, B.S. Princeton 1908.....Wilmington, N. C.
Leach, Albert Allyn, Jr.....New York City
Liu, Chin Yin, B.S. Denison 1908.....Peking, China
Lovejoy, John M.....New Rochelle, N. Y.
McCann, Edgar Owen, A.B. St.Ignatius 1903, A.M. 1905.....San Francisco, Cal.
McKeown, Samuel Anderson.....New York City
Melitzer, Samuel, B.S. 1909.....New York City
Mendelsohn, Albert.....Hastings-on-Hudson, N. Y.
Mitchell, Clark G., A.B. Yale 1909.....Denver, Colo.
Morgan, Thomas C., A.B. 1909.....New York City
Newton, Edmund.....Arkville, N. Y.
Nieman, Henry William, A.B. Harvard 1908.....Schuyler, Neb.
Palmer, William Frederick.....New York City
Peters, George Laurence.....New York City
Peters, William F., Jr.....New York City
Peyton, Gilbert Small, Jr.....New York City
Philson, James DeLong.....New York City
Sanger, Arthur C.....New York City

Scott, David Burnet, A.B. Williams 1908 ..... Mt. Vernon, N. Y.
Seelye, Edward Eggleston, C.E. Cornell 1908 ..... Lake George, N. Y.
Shelby, William Washington, B.C.E., 1908, E.M. 1909, State Univ. of Kentucky ..... Henderson, Ky.
Strippel, Albert Edwin ..... New York City
Strobel, Roger L. ..... New York City
Sullivan, Cornelius George ..... Butte, Mont.
Thomas, William Leonard, A.B. Princeton 1907 ..... New York City
Thompson, Lester Seymour ..... New York City
Volker, Henry Joseph ..... Ossining, N. Y.
Whitwell, Cutler Bonestell ..... New York City
Wilson, Philip D., B.S. Princeton 1909 ..... Chicago, Ill.
Wise, Sidney L. ..... New York City
Wright, William Ryer ..... New York City

[55]

Civil Engineering

Ananieff, Vladimir P ..... Moscow, Russia
Briggs, Robert Wesley ..... Rutherford, N. J.
Buchtenkirch, William Ernst ..... New York City
Cole, Howard T. ..... Brewster, N. Y.
Deiser, Norman Arthur ..... New York City
Englander, Harry ..... New York City
Finkelstein, Martin ..... New York City
Friedman, Morris ..... New York City
Harder, Ernest H. ..... Newark, N. J.
Herter, Albert ..... New York City
Hicks, Charles Selden ..... New York City
Jeanneret, Leon Edward ..... East Rutherford, N. J.
Kandel, Charles ..... New York City
Kuzmier, George Peter ..... New York City
Leiser, Ferdinand, Jr. ..... New York City
Loening, Grover Cleveland, B.S. 1908, A.M. 1910 ..... New York City
Margolis, Louis, A.B. C. C. N. Y. 1902 ..... New York City
Marum, Myron Gilbert ..... West Orange, N. J.
Meyer, Emil Gustave ..... Ocean Grove, N. J.
Miller, Walter Reginald ..... West Park, N. Y.
Mott, F. Douglas ..... Peekskill, N. Y.
Noorian, Noori Z. ..... New York City
Ockert, Fred William ..... New York City
Paterson, Archie Hartley ..... Wingham, Ontario
Peters, William Richmond, Jr., A.B. Yale 1908 ..... New York City
Renshaw, Paul ..... New York City
Riesenberg, Felix ..... New York City
Schapiro, Morris S., B.S. C. C. N. Y. 1903 ..... Union Hill, N. J.
Stoll, Morris ..... New York City
Szanto, Sandor Schwartz, B.S. Beregozasz, 1905 ..... New York City
Tupper, Wilbur Drake ..... East Orange, N. J.
Voskamp, John A. ..... New York City
Webster, James McBarrow ..... New York City
Wolff, Charles ..... New York City

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Electrical Engineering

Caswell, Edward Thomas ..... Elmhurst, N. Y.
Deschere, Paul R. ..... New York City
Foeller, Harold Charles Essig ..... New York City

HALE, JOHN CLARENCE ..... White Plains, N. Y.
HERTZOG, HOWARD SINTON ..... Shamokin, Pa.
HIRSCH, CHARLES MARCEL ..... New York City
HOLMAN, ARTHUR JOHN ..... New York City
KELLER, FREDERICK ROWE ..... Lancaster, Pa.
KINSMAN, RICHARD ELLARD ..... New York City
LIEBOWITZ, BENJAMIN ..... New York City
MURRAY, JOSEPH NORRIS ..... New York City
[11]

MECHANICAL ENGINEERING

AGRAMONTE, P. H ..... New York City
BAUM, ALBERT LOUIS, A.B. 1909 ..... New York City
BLUMENFELD, RALPH ..... New York City
BRETTELL, CLINTON ..... New Rochelle, N. Y.
CHERRY, WILLIAM ALEXANDER, JR ..... White Plains, N. Y.
CLARK, S. MILTON ..... New York City
FOGEL, WILLIAM PERCY, JR ..... Rutherford, N. J.
FRAMBACH, FREDERICK STEVENS ..... New York City
FREDERICHS, WALTER ..... New York City
GATELY, WILLIAM ALOYSIUS ..... New York City
GUITÉRAS, JULIAN GEORGE ..... Yonkers, N. Y.
HUBBARD, EDGAR WHITE ..... New York City
JAROS, ALFRED LEOPOLD, JR ..... New York City
JENKINS, HAROLD BREWSTER ..... New York City
KÄTZ, EDGAR JESSE, A.B. 1909 ..... New York City
KIRSCHBERG, MATTHIAS ..... New York City
KOLLER, MAX ALEXANDER ..... New York City
LACY, FREDERICK THURLOW ..... New York City
LORD, J. WILLARD ..... New York City
MORRILL, OTIS CHAMBERLAIN, A.B. Williams 1907 ..... New York City
MORRISS, ARTHUR DUDLEY ..... New York City
MORROW, ROBERT LEE ..... New York City
PARKER, ARTHUR ROWLEY ..... New York City
RILEY, WELLS LITTLEFIELD ..... New York City
SELLEW, WELLES HAMILTON, A.B. 1909 ..... New York City
VAUGHAN, LILLIAN LEE, B.S. N. C. College Agr. & Mech. Arts 1906 ..... Franklin, Va.
WHEELER, WILLIAM H ..... New Brunswick, N. J.
[27]

CHEMICAL ENGINEERING

BACH, HENRY M ..... New York City
BLUMENTHAL, ALEX. S ..... Maywood, N. J.
HANER, CARL, JR., A.B. 1906 ..... New York City
LEVY, NATHAN ROBERT ..... New York City
LOWE, DONALD VAUGHN ..... Tenafly, N. J.
SCHLICHTING, LOUIS, JR ..... New York City
SUYDAM, JOHN R. JR., A.B. Harvard 1908 ..... New York City
TSCHUDY, EDWARD A ..... New York City
[8]

METALLURGY

ALLEN, HENRY BUTLER ..... Greenfield, Mass.
GUITERMAN, KENNETH S ..... Denver, Colo.
WILLIAMS, GRANVILLE MERCER ..... New York City
[3]

CHEMISTRY

CACICEDO, LUIS, A.B., B.S. Valladolid 1900.....Cienfuegos, Cuba
HOROWITZ, BENJAMIN.....New York City
[2]

FOURTH YEAR—CLASS OF 1911

Mining Engineering	55
Civil "	34
Electrical "	11
Mechanical "	27
Chemical "	8
Metallurgy	3
Chemistry	2
Total	140

THIRD YEAR—CLASS OF 1912

MINING ENGINEERING

BANGSER, WILLIAM.....Lebanon, Pa.
BEADLE, JOHN BOOKWALTER.....New York City
BEAM, JOHN COOKE, B.S. Princeton 1909.....Bogota, N. J.
BELL, JAMES E.....New York City
BROWN, THOMAS ELLIS, 3D.....New York City
CANNON, ESPEY TELLE.....Salt Lake City, Utah
CARNEY, CYRIL T., B.Sc. Iowa College 1910.....Grinnell, Iowa
CLAGHORN, JAMES L.....New York City
CORNWALL, HARRY FORSYTH.....Short Hills, N. J.
DONALDSON, KENNETH HUME.....New York City
DUB, GEORGE D., B.S. C. C. N. Y. 1909.....New York City
FLEISCHMAN, LEO EDWIN.....New York City
GOLDMAN, JOSEPH LASKAR.....New York City
HAYES, FRANCIS HENRY, JR.....New York City
HELLER, MILTON WHITE, B.S. C. C. N. Y. 1909.....New York City
HICKEY, LOUIS WALTER, A.B. Harvard 1910.....Dorchester, Mass.
HINMAN, EDWARD, JR., A.B. 1910.....New York City
HOYT, JOHN TERRELL.....Salt Lake City, Utah
KEARNEY, GEORGE SYLVESTER.....Minneapolis, Minn.
KELSO, BYNON LYNN, B.S. Rose Poly. Inst.....Terre Haute, Ind.
KLEINBAUM, ELIHU NATHAN, B.S. C. C. N. Y. 1909.....New York City
KRAFT, PHILIP, JR., B.S. 1910.....New York City
LANGFORD, WILLIAM BOICE, Ph.B. Yale 1910.....Chicago, Ill.
MCARDLE, WILLIAM HENRY.....New York City
MCLOCHLIN, GEORGE GRAHAM.....New York City
MARQUARDT, ERNEST.....New York City
MOFFETT, JAMES HENRY CLYDE.....Minneapolis, Minn.
MOORE, JAMES ISAAC, JR.....New York City
MUDD, HARVEY SEELEY.....Los Angeles, Cal.
NORRIS, WILLIAM M., JR., A.B. Princeton 1910.....Princeton, N. J.
PATTERSON, RICHARD CUNNINGHAM, JR.....Kansas City, Mo.
PINEDA, ROSENDO, JR.....Mexico City, Mex.
RUTHARDT, RUDOLF MAX.....New York City
SALSBURY, MILTON.....New York City
SCHEUCH, WILLIAM ALLEN.....New York City
SCHLOTTMAN, GUSTAVE.....New York City
SCHMIDT, WILLIAM C., JR.....New York City

SELVAGE, NOTMAN.....Newark, N. J.
SEMPLE, ROBERT ALEXANDER.....Glasgow, Scotland
SETHNA, NANABHOY RUSTOMJI, L.C.E. Bombay Univ., India, 1905.....Kalyan, India
SHAW, GEORGE AUGUSTUS.....New York City
SILVERSTEIN, ISRAEL PHILIP.....Passaic, N. J.
SKINNER, THOMAS WAYNE..... Dunmore, Pa.
SQUIER, GEORGE FRANCIS..... Saltillo, Mex.
STAIGER, BERTRAM CHAMBERLIN.....Newark, N. J.
STEINDLER, EUGENE LOBNER.....New York City
SUN, HYIEN-WAY.....Hang-chow, China
SUVERKROP, EDWARD ALBERT, JR.....New York City
SWARTZ, MILTON D.....Baltimore, Md.
TARANTOUS, RICHARD, B.S. C. C. N. Y. 1908.....New York City
TASHOF, IVAN POPPERS.....Washington, D. C.
TONG, YOUNG-LEE..... Shanghai, China
TRILLICH, BERTRAM L.....New York City
WAGNER, FRANK H.....Buffalo, N. Y.
WOOD, JAY PENDLETON.....New York City

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CIVIL ENGINEERING

ALLEN, FREDERICK MURDOCK.....Peekskill, N. Y.
BABCOCK, HENRY S.....Pelham Manor, N. Y.
BARBERO, GEORGE.....Rye, N. Y.
BRADLEY, SEYMOUR M., Ph.B. Yale 1909.....New Haven, Conn.
BROOCKMANN, OSCAR WILLIAM ERNST.....New York City
BURR, GEORGE LINDSLEY, A.B. Harvard 1910.....New Canaan, Conn.
COCCO, MIGUEL ANGEL.....Puerto Plata, Dominican Rep., W. I.
COLAS, NICHOLAS.....New York City
DER GARABEDIAN, MICHAEL.....Yonkers, N. Y.
DIAZ, MARINO.....Havana, Cuba
DOLOWITZ, ALEXANDER, B.S. Cooper Inst. 1909.....New York City
GLOCK, ALFRED ROBERT.....New York City
GOLDEN, THEODORE.....New York City
HADDEN, GAVIN, A.B. Harvard 1910.....New York City
HARRIS, LEE HURDMAN.....Pittsburg, Pa.
IMMERMAN, HARRY.....New York City
JACKSON, WALTER MOORES, JR.....New York City
KISLOVSKY, ANDREW.....New York City
LOEWY, JEROME, B.S. C. C. N. Y. 1910.....New York City
MCGINLEY, JOHN JOSEPH, B.S. C. C. N. Y. 1909.....New York City
MCLOUGHLIN, FREDERIC O. X., B.S. C. C. N. Y. 1909.....New York City
MANCUSI-UNGARO, MANFREDE.....Newark, N. J.
PARKER, RALPH ARTHUR.....Longmeadow, Mass.
PITT, STEDDIFORD.....New Rochelle, N. Y.
RADIGAN, FRANCIS JOSEPH.....Jersey City, N. J.
ROSE, JOSEPH.....New York City
SAMUELS, MILTON.....New York City
SCHLOSSMAN, WILLIAM MAYER, B.S. 1910.....New York City
SMITH, JAY LEE.....New York City
TORBORG, GERARD RUDOLF.....New York City
VALDES, ALFONSO P.....San Juan, P. R.
VALENTINE, CLAUDE H.....New York City
VERPLANCK, EDWARD FENNO.....New York City
WEISS, BENJAMIN.....New York City
WELLE, EBERHARD.....Paterson, N. J.

[35]

Electrical Engineering

Ahlers, Bruno Herman ..... New York City
Connolly, William Francis ..... Weehawken, N. J.
Finley, Cecil Johnston ..... New York City
Haines, William Howard ..... Englewood, N. J.
Hamilton, Baxter Perry ..... New York City
Levy, Louis Edward ..... New York City
Loebenstein, Julian ..... New York City
Mellen, Henry Luther, A.B. 1910 ..... Middlebury, Vt.
Shakin, Victor ..... New York City
Stern, Kenneth Gibson, A.B. Princeton 1905 ..... Westfield, N. J.
Vallely, Charles Cosgrove ..... New York City
Walter, Louis ..... Maspeth, L. I.
White, William Comings ..... Englewood, N. J.
Wilson, LeRoy ..... New York City
[14]

Mechanical Engineering

Baumeister, Paul Arnold ..... Flushing, N. Y.
Benson, Claus D ..... New York City
Bowman, Kenneth Harkness ..... Upper Montclair, N. J.
Brambach, Aloys ..... Scarsdale, N. Y.
Butcher, Willard Ferris ..... Bridgeport, Conn.
Chute, Stanley J ..... New York City
Cohen, Edgar Fabian, B.S. C. C. N. Y. 1910 ..... New York City
Demorest, William Jennings ..... New York City
Eddison, William Barton ..... Irvington-on-Hudson, N. Y.
Endicott, George ..... New York City
Entelmann, John Henry ..... New York City
Evans, Herbert William ..... New York City
Frew, George Henry, Jr. ..... Palisade, N. J.
Geiger, Herman Roland ..... New York City
Greene, Harry Talmage, Jr. ..... New York City
Gref, William Hodgins ..... New York City
Haaren, William F ..... New York City
Haynes, James Leroy ..... New York City
Hendrickson, Niels Edwin ..... New York City
Lassman, Benjamin ..... New York City
Levy, Alfred Kalisher ..... New York City
MacDermott, Stewart Sinclair ..... New York City
McClelland, George Fraser ..... Berlin, Germany
McGill, Harry Earl ..... Washington, D. C.
McIver, Francis F., Jr. ..... New York City
McLeod, Robert Henry ..... Passaic, N. J.
Maynz, Theodore, A.B. Harvard 1910 ..... New York City
Montgomery, Graham L ..... New York City
Mosher, Edgar H ..... New York City
Murphy, Eugene Allston ..... New York City
Niemann, Bernard, Jr ..... New York City
Rogowski, Bruno ..... New York City
Schede, Ferdinand C ..... Mt. Vernon, N. Y.
Swallow, Howard J ..... New York City
Tag, Walter ..... New York City
Wegener, Francis A ..... New York City
Wetjen, Henry W ..... New York City
[37]

Chemical Engineering

Bates, John Seaman, A.B., 1908, B.Sc. 1909, Acadia Univ....Wolfville, Nova Scotia
Hart, George Wilmot, Litt.B. Rutgers 1909.....New Brunswick, N. J.
Hays, John E., B.E. Vanderbilt 1909.....Nashville, Tenn.
Hochberger, Oscar, B.S. 1910.....New York City
Hüttlinger, Carl F., A.B. 1909.....New York City
Joachim, William B.....Newark, N. J.
Lamb, Carl Barré.....Cresskill, N. J.
Landolt, Percy William Edward.....New York City
Maas, Lester Wallack.....New York City
Norton, Arie Randolph, A.B. Colorado 1909.....New York City
Ormont, Bernard, B.S. C. C. N. Y. 1909.....New York City
Pfeiffer, Burton Lawrence.....Parsons, Kansas
Read, Henry Lewis, A.B. Yale 1909.....New York City
Rohn, Julius.....Montclair, N. J.
Schultz, Louis Claude.....Florida, N. Y.
Simon, Clarence.....New York City
Struthers, Royden Titus.....New York City
[17]

Metallurgy

Glassford, John, Phar.D. N. Y. Coll. Phar. 1898.....Jersey City, N. J.
Harris, Elmer P.....New York City
Levison, Stuart.....New York City
Warner, Charles Maxwell, Jr., B.S. Rutgers 1908.....Elizabeth, N. J.
[4]

Chemistry

Clarke, John.....New York City
Seil, Gilbert Edward.....Perth Amboy, N. J.
Thomas, Arthur W.....Jersey City, N. J.
Thorn, Frederick Charles.....New York City
[4]

Sanitary Engineering

Letton, Harry Pike, B.Sc. Univ. Neb. 1909.....Lincoln, Neb.
[1]

THIRD YEAR—CLASS OF 1912

Mining Engineering	55
Civil "	35
Electrical "	14
Mechanical "	37
Chemical "	17
Metallurgy	4
Chemistry	4
Sanitary Engineering	1
Total	167

SECOND YEAR—CLASS OF 1913

Mining Engineering

Allentuch, Max.....New York City
Beehler, George Reuben.....Philadelphia, Pa.
Bell, Thomas Porter.....New York City
Bonsib, Ray Myron, A.B. Indiana 1910.....Indianapolis, Ind.

BONSIB, ROY SAMUEL, A.B. Indiana 1910 ..... Indianapolis, Ind.
BURROUGHS, AMBROSE HAMMET, JR. ..... Lynchburg, Va.
CALDER, NORMAN L. ..... Johannesburg, S. Africa
CARUTHERS, ANTHONY WAYNE ..... Irwin, Pa.
CHOW, KAI-CHI ..... Shanghai, China
EISENBERG, HERBERT LEOPOLD ..... New York City
FICKETT, HAROLD LORD, B.S. Baylor 1910 ..... Galveston, Texas
FIELDING, JAMES RIDGE ..... Hackensack, N. J.
FREDSALL, OSCAR AUGUST ..... New York City
GATCH, NELSON B. ..... St. Louis, Mo.
GOLDSTEIN, DAVIS ..... Passaic, N. J.
GRANT, WHEADON MARTIN ..... Birmingham, Ala.
GREENBERG, FREDERICK ..... New York City
GRIEVE, RICHARD PALMER ..... New York City
GROSS, LEROY MORRIS ..... New York City
HAYDEN, WALLACE HANSON, A.B. Bowdoin 1909 ..... Batavia, N. Y.
HESS, KARL FREDERICK ..... New York City
HITCHINS, OWEN EATON ..... Frostburg, Md.
HOWELL, RALPH W. ..... Washington, D. C.
HOYT, DONALD CHESTER, A.B. Michigan 1909 ..... Chillicothe, Ohio
HUBBARD, DWIGHT GERALD ..... New York City
JACOBS, HAROLD H. ..... New York City
JOHNSTON, RODERICK L. ..... New York City
KOENIG, EDWARD HARRY ..... New York City
KURZ, JOHN B. ..... New York City
LEINER, JOSEPH ..... New York City
LIBERMAN, JULIUS MICHAELS ..... New York City
LUNN, ROBERT, JR. ..... Jersey City, N. J.
MCGOWN, DAVIS ..... New York City
MAHLER, CHARLES HENRY ..... New York City
MAMPEL, CHARLES JACK ..... New York City
MAUÈS, RENÉ ACHILLES FRANCIS ..... New York City
MEISSNER, CLARENCE E. ..... New York City
MEYER, ABRAHAM PAUL ..... St. Louis, Mo.
MOORE, DUDLEY MARTIN ..... Islip, N. Y.
MORRILL, ALBERT HARRISON ..... New York City
MOSS, HUGO HARRY ..... Mexico City, Mex.
NARAVANE, SHANKAR GOVIND ..... Poona, India
NEWHOUSE, EDGAR L., JR. ..... New York City
O'DONNELL, ROBERT CLARKSON ..... New York City
PRATT, JOHN WELLS ..... New York City
PROCHAZKA, GEORGE ANTHONY, JR. ..... New York City
RICHTER, CHARLES ..... New York City
ROBERTS, EDWARD OLIVER ..... New York City
RUGEN, OTTO N. ..... New York City
SCHATTINGER, GEORGE FRANCIS ..... Denver, Colo.
SCHNEPP, ERNEST RAYMOND ..... Ridgefield Park, N. J.
SCHURMAN, GEORGE WALTER ..... New York City
TACKMANN, HENRY ..... New York City
THOMAS, JAMES A., JR. ..... New York City
TRISCHKA, CARL ..... New York City
DE VILLENEUVE, PIERRE ..... St. Laurent sur Sévre, Vendée, France
WARD, NORMAN B. ..... Montclair, N. J.
WISE, ALFRED LEO ..... New York City
WRIGHT, FREDERICK SYLVESTER ..... Belt, Mont.

CIVIL ENGINEERING

ARONIN, ISIDOR ..... New York City
ATKINSON, GUY ..... New York City
BEGEMAN, WARREN KELLOGG, B.S. Washington Univ. St. Louis 1910 ..... St. Louis, Mo.
BOYLE, CORNELIUS A. ..... New York City
BRADY, JOHN C. ..... New York City
CARMEL, WILLARD ..... New York City
CARNER, SAMUEL ..... New York City
CASSIDY, JAMES CLARKE ..... New York City
CHEATHAM, JAMES LESLIE ..... Henderson, Ky.
COVEY, PAUL BISSELL ..... Yonkers, N. Y.
DI STASIO, JOSEPH ..... New York City
DUFFIE, ARCHIBALD DUNCAN ..... Bantam, Conn.
DUNN, GEORGE WARREN, JR. ..... New York City
EVENCHICK, MAX ..... Newark, N. J.
FINDLAY, ELWIN HAROLD ..... New York City
FISH, GILBERT DUDLEY ..... New York City
FOOTE, FREDERICK WILLIAM ..... Englewood, N. J.
GENUNG, G. ROY ..... New York City
GREACEN, JOHN L. ..... New York City
GUIBERT, JOHN CLAIRE NORRIS ..... New York City
HERNANDEZ, JOHN A. ..... New York City
HURWICH, LOUIS ..... New York City
JOHNSTON, HOWARD R. ..... New York City
KATZENBERG, SAMUEL KERMIT ..... New York City
KIRCHGRABER, CREWE HAMLIN ..... New York City
KORN, MAX HENRY ..... Hackensack, N. J.
KRIM, S. SYDNEY ..... New York City
LAGUARDIA, GIOVANNI ..... New York City
LATHROP, JOHN EARLE ..... Yonkers, N. Y.
LIPARI, ATTILIO FELIX ..... New York City
LOCKWOOD, LE ROY ..... Tuckahoe, N. Y.
LORDLY, LEONARD CHESTER ..... New York City
MCCOOK, JOSEPH F. ..... New York City
MALOY, JOHN T. ..... New York City
MANDELL, SOLON B. ..... New York City
MARX, RAYMOND M. ..... New York City
NEUMAN, DAVID LEONARD ..... New York City
OAKLEY, EARL ANSON ..... Greenwood, Ind.
O'DONNELL, ADRIAN V. ..... New York City
PATCHELL, FRED JAMES ..... Washington, D. C.
PATTERSON, JOHN E. ..... Kansas City, Mo.
PEET, GERALD DAYTON ..... Cortland, N. Y.
PHILLIPS, JACQUIN ..... New York City
PINCHOOK, BENJAMIN P., B.S. C. C. N. Y. 1910 ..... New York City
RISKIN, JOHN ..... Passaic, N. J.
ROBERTS, ELMER ..... New York City
ROEMERMANN, ADOLPH ..... New York City
ROSENFELD, JOSEPH H. ..... New York City
SCHNUR, HARRY ..... New York City
SMILLIE, RALPH, A.B. Yale 1909 ..... New York City
STEINBERG, MAX JULIUS ..... New York City
STEVENS, HERBERT CHESTER ..... Passaic, N. J.
STRANG, REGINALD BARTLETT ..... New York City
SUN, MAN ..... Hong Kong, China

TODD, CHARLES NICOLAS ..... New York City
ULLRICH, ALBERT ROMANS ..... New York City
VAN HOOK, ERRETT ..... Harrisburg, Pa.
WEISS, HARRY ..... New York City
ZILBERSHER, SAMUEL ISRAEL ..... New York City
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ELECTRICAL ENGINEERING

ARMSTRONG, EDWIN HOWARD ..... Yonkers, N. Y.
BURGI, HERMAN, JR ..... New York City
CHRISTIE, CHESTER IRVING ..... New York City
COBB, FRANCIS CUTTER ..... Merriam Park, Minn.
DESCHERE, HARVEY ..... New York City
EILERS, HENRY ..... New York City
FULLERTON, HENRY SUYDAM ..... Scotch Plains, N. J.
HALDEMAN, HAROLD WATSON ..... New York City
JANSSON, CARL ALEXANDER ..... New York City
KAUFMAN, LEWIS BERNHARD ..... East Orange, N. J.
KIRKPATRICK, DAVID D ..... New York City
KROLL, CORNELIUS ..... New York City
KRONHEIMER, ALFRED S ..... New York City
LANE, ALFRED PAGE ..... New York City
LANGLEY, RALPH HERBERT ..... Yonkers, N. Y.
LIVINGSTON, JAMES DUANE, JR ..... New York City
MAPES, LELAND R ..... Spring Valley, N. Y.
DE MELLO, GEORGE HESS ..... Rio de Janeiro, Brazil
MOCK, FRANK CHARLES ..... New York City
PADDOCK, LINCOLN, A.B. 1910 ..... New York City
RICHTER, HENRY ..... New York City
SAALBERG, HERMAN ..... New York City
SCHNEIDER, LOUIS SEYMOUR ..... New York City
SINCLAIR, CHARLES GOODWIN, JR ..... Towaco, N. J.
SMITH, LLOYD BURR ..... Plainfield, N. J.
VOGLER, PETER CHARLES ..... New York City
WALSH, JAMES ALOYSIUS ..... New York City
WATTERS, ARTHUR CLARENCE ..... New York City
WHEELER, ROBERT ANDREW ..... New York City
[29]

MECHANICAL ENGINEERING

AUGUSTINE, ADDISON E ..... New York City
BISSELL, ALBERT WEST ..... New York City
BLANCHARD, HAROLD FREDERICK ..... New York City
BROMBACHER, MAX H. C., JR ..... New York City
BURKE, FRANK W ..... New York City
CONNER, BENJAMIN FRANKLIN, JR ..... New York City
COOK, HENRY PETTIGREW ..... New York City
CRITTENDEN, BUTLER PARNELL ..... Rochester, N. Y.
EMMERT, JOHN BARRETT ..... Sedalia, Mo.
GARDNER, FRANCIS SALTUS, JR ..... New York City
GITHENS, THOMAS FRANCIS, B.S. C. C. N. Y. 1909 ..... New York City
GROSSBAUM, LOUIS, B.S. 1910 ..... New York City
HARRIS, ROBERT W ..... Flushing, N. Y.
HAYDEN, LLOYD FOWLER ..... White Plains, N. Y.
HERBERT, WYMAN D ..... New York City
HIRT, EDWARD LOUIS, JR ..... Yonkers, N. Y.

HOLTZMAN, PAUL J.....Indianapolis, Ind.
ISRAEL, ALBERT HERMAN.....New York City
KOHLBUSCH, ARTHUR HERMAN.....New York City
LEVKOWITS, ALBERT.....New York City
MACCOULL, NEIL, JR.....New York City
MCDERMOTT, JOHN MOORE.....Worcester, Mass.
PENFIELD, HAROLD CASSINOVE.....New York City
ROBINSON, CHARLES R.....St. Louis, Mo.
ROSENBERG, SAMUEL.....New York City
RUPRECHT, WALTER ERNEST.....New York City
SHAW, JAMES J., JR.....White Plains, N. Y.
SYSKA, ADOLPH.....New York City
WILSON, WALTER J.....Bradford, Pa.

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CHEMICAL ENGINEERING

BASSECHES, JOSEPH LAZAR.....New York City
BILHUBER, ERNEST AUGUST.....Maywood, N. J.
BURKHARD, WALTER EDWIN.....Jersey City, N. J.
DICKIE, FRANK EVANS, A.B. Acadia College 1909.....Middleton, Nova Scotia
DURKEE, MORRIS MALAN.....New York City
HENDERSON, HAROLD GOULD, JR. A.B., 1910.....New York City
HESS, SEYMOUR ISAAC.....New York City
JABINE, THOMAS.....Yonkers, N. Y.
JOACHIM, SAMUEL.....Newark, N. J.
JUNG, PHILIP HERBERT.....New York City
LINDSEY, EARLE, B.S. Univ. Mississippi 1908.....Laurel, Miss.
LOEBENBERG, ALFRED, B.S. C. C. N. Y. 1910.....New York City
MACLEAN, GORDON.....Flushing, N. Y.
PHILLIPSON, BRAINERD F.....New York City
RAYMOND, ALBERT WILLIAM.....Oak Park, Ill.
REVSON, RAPHAEL FRANK, B.S. Univ. Georgia 1910.....Atlanta, Ga.
RIONDA, SALVADOR C.....New York City
SCHWEIZER, JAMES ARMSTRONG.....Watertown, N. Y.
SHEPARD, MORRIS GOODWIN.....Cortland, N. Y.
SPALTHOFF, WILLIAM DORNEDDEN.....New York City
TODTSCHINDER, PAUL.....New York City
WILCOX, DANIEL APPLETON.....Garden City, N. Y.
ZUCKERBROT, PHILIP LOUIS.....New York City

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METALLURGY

BLAUT, SAMUEL JOSEPH.....New York City
BLOW, ALLMAND MATTESON.....Ware Neck P. O., Va.
HYDE, REED WARREN.....Joliet, Ill.
MCLAUGHLIN, WARNER, A.B. Harvard 1909.....New York City
MELITZER, EMANUEL B.....New York City
WOODWORTH, SELIM E.....Berkeley, Cal.

[6]

CHEMISTRY

SACHS, ALBERT PARSONS.....New York City

[1]

SANITARY ENGINEERING

APPLEBAUM, SAMUEL B., B.S. C. C. N. Y. 1910.....New York City
BRISK, CHARLES S., B.S. C. C. N. Y. 1910.....New York City
STEINBRUCH, WALTER.....New York City

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SECOND YEAR—CLASS OF 1913

Mining Engineering	59
Civil "	59
Electrical "	29
Mechanical "	29
Chemical "	23
Metallurgy	6
Chemistry	1
Sanitary Engineering	3
Total	209

FIRST YEAR—CLASS OF 1914

BACHER, HOLLAND ROBERT.....Bronxville, N. Y.
BARRETT, THEODORE H.....New York City
BARRY, CHARLES E., JR.....New York City
BARTOS, ELMORE E.....New York City
BAUMEISTER, PHILIP.....New York City
BAUMER, CHARLES JOSEPH.....Syracuse, N. Y.
BENTKOWSKI, HENRY CASIMIR.....New York City
BERG, HENRY J.....New York City
BEVERLEY, BENJAMIN SLOAN, A.B. B.S. Univ. of S. C. 1910.....The Plains, Va.
BIRD, HENRY E., JR.....Mt. Vernon, N. Y.
BISSELL, KARL HAUCK.....New York City
BOHM, HOWARD W.....New York City
BOWER, SETTONE CABOT.....New York City
BOYLSTON, EDWARD JAMES, JR.....New York City
BRAGER, BENJAMIN.....New York City
BRAVERMAN, LEWIS.....New York City
BRIMBERG, JACOB.....New York City
BROPHY, FRANCIS PATRICK.....Yonkers, N. Y.
BUCHHOLTZ, FREDERICK C.....New York City
BYRON, OSCAR.....Jersey City, N. J.
CARROLL, JOHN JOSEPH.....North Pelham, N. Y.
CHUN, YEN SHON.....Changsha, Hunau, China
CLEARY, NORMAN.....New York City
CLOUD, CHARLES BLAKE.....New York City
COHEN, MORTIMER JASON.....New York City
COLQUHOUN, WILLIAM WALLACE.....Tunbridge Wells, Eng.
COOPE, GEORGE FREDERICK.....Douglaston, N. Y.
DE CORDES, AUBREY LUCAS, A.B. Trinity Col. Eng. 1909.....Goring-on-Thames, Eng.
CORNELISSEN, JOHN.....New York City
COSTELLO, CHRISTOPHER, JR., B.S. Spring Hill, Ala. 1910.....Mobile, Ala.
COSTELLO, HARRY M., B.S. Spring Hill, Ala. 1910.....Mobile, Ala.
CRAFT, LAVERNE R.....New York City
CREAMER, WILCOX A.....New York City
DITTMER, JOSEPH C.....New York City
DOWNING, GEORGE SHAPLEY.....Albany, N. Y.
DOYLE, WILLIAM L. H.....Buffalo, N. Y.
DRAKE, BENJAMIN HOLT.....Concord, N. H.
DRUCKER, SAMUEL.....New York City
DUNCOMBE, DAVID S.....Mt. Vernon, N. Y.
DZUNG, KAI YING.....Shao-shing, Chekiang, China
EHRLICH, JACOB.....New York City
ENGLEBARDT, ISADORE J.....Jersey City, N. J.
FALVEY, EDWIN CARNICLE.....Bridgeport, Conn.

Fisher, Sydney	New York City
Foster, Joseph Turner	Jersey City, N. J.
Fox, Walter Victor	Flushing, N. Y.
Furman, Abraham	New York City
Geiger, Jerome Charles	New York City
Gelbwaks, Benjamin	New York City
George, Harry Leslie	New York City
Gershon, Victor	New York City
Gilbert, Frederick B	Flushing, N. Y.
Gilroy, Robert W	Mt. Vernon, N. Y.
Goldman, Paul	New York City
Goldstein, William Morris	New York City
Goodacre, Clifford M	New York City
Goodman, Louis S	New York City
Gretsch, Herbert	New York City
Hadsell, Irving Whitney	New York City
Harris, Clarence Peavy	New York City
Harvey, William J	New York City
Havens, William W	New York City
Hendrickson, Bertram H	White Plains, N. Y.
Henn, Adam George	Mt. Vernon, N. Y.
Herkert, Karl, Jr.	Yonkers, N. Y.
Herold, Walter F	Newark, N. J.
Hertz, Norman	Newark, N. J.
Hine, Russell	Cornwall, N. Y.
Hoffman, Charles R	New York City
Hull, Washington, Jr.	New York City
Jareckie, Eugene Albert	New York City
Johnson, James Wendell	New York City
Jordan, Lewis	New York City
Kannengieser, Max	New York City
Katz, Alexander	New York City
Katz, Charles Vernon	New York City
Kaufman, William	Paterson, N. J.
Kiefer, Kenneth	Bridgeport, Conn.
Kiely, Ralph	New York City
King, Harold Beckwith	Sound Beach, Conn.
King, Stanley M	Urlton, N. Y.
Kirschstein, Julius	New York City
Klein, Carl Frederick	New York City
Knopf, Samuel H	New York City
Konkol, Clement John	New York City
Krefeld, William John	New York City
Kupferstein, Joseph T	Bensonhurst, N. Y.
Landman, Everett S	New York City
Lapidus, Aron	New York City
Lathrop, Thomas	Yonkers, N. Y.
Lee, Leland	Monterey, Mex.
Levinson, Harry	New London, Conn.
Levowitz, Herman Raphial	New York City
Lichtenstein, Louis	New York City
Lipman, Leon	New York City
Lundborg, Herbert Clarence	Montrose, Pa.
MacCarthy, Charles F	Des Moines, Ia.
Macdonald, Francis	New York City
MacKechnie, Harry W	New York City

McConnell, Charles Russell.....New York City
McCune, Mathew Marcus.....Salt Lake City, Utah
McIntyre, Washington Franklin Anderson.....New York City
Mandle, Henry Hayman.....New York City
Mann, Lewis.....New York City
Martin, Arthur.....Mt. Vernon, N. Y.
Mason, Henry Hoelzle.....New York City
Masson, Henry James.....New York City
Miller, James Sherwood.....Hoosick Falls, N. Y.
Mueller, Harold Hermann.....Bronxville, N. Y.
Nacht, Victor.....New York City
Navon, Samuel.....New York City
Naylor, Ezra Booth.....Yonkers, N. Y.
Neergaard, Christian.....New York City
Neumann, Elmer Herman.....New York City
Nolte, Albrecht Charles.....New York City
Nositzer, George.....New York City
Ohlssen, William.....New York City
O'Kane, Robert Guy.....New York City
Olt, Henry.....New York City
Patterson, George Schroter.....Denver, Colo.
Pell, Van Dyne.....New York City
Perlzweig, William Alexander.....New York City
Person, Clarence.....Catskill, N. Y.
Petersen, Arthur.....Monmouth Beach, N. J.
Pike, Samuel.....New York City
Pinchbeck, Irving Arthur.....New York City
Pinkerton, Thomas Nathan.....Glenwood, Minn.
Piperoux, René Pierre.....Jersey City, N. J.
Pou, Nestor E., A.B. Esenda de Bachilleres de Santo Domingo 1906.New York City
Quattlebaum, Selby, B.S. Univ. of S. C. 1909.....Columbia, S. C.
Quinn, Herman.....Great Neck, N. Y.
Rayens, Charles Erwin.....New York City
Renshaw, Alfred.....Noroton, Conn.
Rice, Isaac L., Jr.....New York City
Richardson, George Washington, Jr.....New York City
Roberts, Richard B., Jr.....New York City
Rogow, Sydney Irving.....New York City
Roon, Leo, Ph.C. 1910.....New York City
Roos, William F.....Hoboken, N. J.
Rosenthal, Jules E.....New York City
Rosenzweig, Morris.....New York City
Rover, Henry John.....New York City
Sadtler, Chester.....Denver, Colo.
Schachtel, Herbert.....New York City
Schmidt, Francis Bertram.....New York City
Schmeweiss, Fred Carl.....New York City
Schrader, Franz.....Annandale, N. Y.
Schwarzkopf, Harry.....New York City
See, Milton, Jr.....Mt. Vernon, N. Y.
Sen, Jane-shi, T. E., B.S. Peking 1909.....Kwei-chow, China
Sengstaken, John Henry.....New York City
Shapiro, Rubin.....New York City
Siegel, Leonard.....New York City
Siegler, Louis.....New York City
Siff, Lester.....New York City

SIMMONDS, FRANK HOMER.....Yonkers, N. Y.
SKARVAN, STANLEY JOSEPH.....New York City
SLADE, ERNEST B.....New York City
SLATTERY, EDWARD JOSEPH.....New York City
SLOPER, KENNETH THOMSON.....New Britain, Conn.
SMITH, STANLEY WATSON.....New York City
STEFFEN, GUSTAVE W.....New York City
STEIN, JEROME DAVID.....New York City
STEINDLER, LESLIE LOBNER.....New York City
STERN, WILLIAM.....Newark, N. J.
STERRICKER, JOHN.....New York City
STEWART, JAMES ALEXANDER.....New York City
STREETER, HARRISON G.....Pattenburg, N. J.
TAYLOR, LEONARD GRAEME.....Cleveland, O.
TENNEY, DWIGHT.....Montclair, N. J.
TOWER, DUANE LEGGETT.....Niagara Falls, N. Y.
UNGARLEIDER, MAX EMANUEL.....New York City
VAN BUSKIRK, GEORGE LUTHER.....New York City
WAKEFIELD, GERALD.....Highland Falls, N. Y.
WALLACE, OTIS A.....New York City
WELCH, WALTER.....Scarsdale, N. Y.
WHITE, MILTON CHASE.....Larchmont, N. Y.
WILLIAMS, EDWARD INGHAM.....New York City
WILLIAMS, HERBERT LAWSON.....Fairbanks, Alaska
WILLIAMSON, ROBERT GORDON.....Greenwich, Conn.
WITHERBY, LYLE FOWLES.....New York City
WOOD, ROY UDELL.....New York City
WURSTER, WILLIAM FREDERICK.....New York City
YANG, SIH-ZUNG.....Shanghai, China
ZIA, ZAU CHEE.....Shanghai, China
ZIMMER, SIEGFRIED.....New York City
ZUÑIGA, ISMAEL, JR.....Mexico City, Mex.

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NON-MATRICULATED STUDENTS

BELKNAP, BENJAMIN HAROLD.....Leonia, N. J.
BENDICK, ARTHUR JEROME, M.D. 1909.....New York City
BIKLÉ, PAUL FIERY.....Hagerstown, Md.
COUCH, DAVID H., B.S. Guilford.....Guilford College, N. C.
GIBLIN, LEO FRANCIS.....Utica, N. Y.
HOLMQUIST, GUSTAVE S.....New York City
KIRBY, RUSSELL THORP, B.S. 1910.....New York City
MCMICHAEL, ARTHUR T., B.S. Rutgers.....Laurel Springs, N. J.
MOTT, EVERETT H., B.S. in Chem. Univ. Vt.....Yazoo City, Miss.
OTTO, CHARLES W.....New York City
RUSSIANOFF, ARTHUR H., B.S. C. C. N. Y.....New York City
SWAN, WILLIAM W.....Navesink, N. J.

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Attended Summer Session, 1910, but did not enter 1910–1911

BALDWIN, HERBERT VAN VLIERDEN.....Nyack, N. Y.
BEEMER, JAMES GAGE, JR.....Yonkers, N. Y.
CHAN, YEW YUNG.....Shanghai, China
ESTRADA, SEBASTIAN.....New York City
FERRER, ABELARDO SALVADOR.....New York City
GUTIERREZ, CARLOS.....Santiago, Chile
KING, THOMAS EDWARD.....Sound Beach, Conn.

LOMMEL, GEORGE LAWRENCE.....New York City
McCRORKEN, EUGENE P.....New York City
McGOVERN, RUDOLPH A.....New York City
MILLER, FREDERICK.....New York City
MOORE, PERRY NORTH.....St. Louis, Mo.
MÜLLER, FREDERICK.....New York City
O'BRIEN, JOHN.....New York City
O'CONNOR, FREDERICK F.....Rochester, N. Y.
PARSONS, LEWIS A.....Grand Rapids, Mich.
PERRINE, HAROLD.....New York City
PIGOTT, CURTIS.....Helena, Mont.
PYNE, WALTER FRANKLIN.....New York City
SAUNDERS, FRANK H.....Gloversville, N. Y.
SHAIDUROFF, N. N.....New York City
SNOOK, THOMAS EDWARD.....New York City

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SUMMARY

	Second Year	Third Year	Fourth Year	Totals
SCHOOL OF MINES:				
Mining Engineering	59	55	55	170
Metallurgy	6	4	3	13
SCHOOL OF CHEMISTRY:				
Chemistry	1	4	2	7
Chemical Engineering	23	17	8	48
SCHOOL OF ENGINEERING:				
Civil Engineering	59	35	34	128
Electrical Engineering	29	14	11	54
Mechanical Engineering	29	37	27	93
Sanitary Engineering	3	1		4
	209	167	140	516

FIRST-YEAR CLASS	187
NON-MATRICULATED	12
STUDENTS FROM COLUMBIA COLLEGE	12
Total	727

FACULTY OF POLITICAL SCIENCE

The Faculty

President Butler
Professor Burgess
Professor Munroe Smith
Professor Goodnow
Professor Seligman
Professor Carpenter
Professor Osgood
Professor J. B. Moore
[2] Professor Dunning
Professor Giddings
[1] Professor Clark
Professor Robinson
[1] Professor Sloane
Professor Seager
Professor H. L. Moore
Professor Shepherd
Professor Shotwell
Professor Botsford
Professor Simkhovitch
[2] Professor Devine
Professor Johnson
Professor Beard
Professor Lindsay
Professor Suzzallo
Professor Guthrie
Professor Mussey

Professor Daenell

Officers of the Faculty

Professor Burgess.....*Dean and ex-officio Member of the University Council*

Professor Carpenter, *Associate Dean and ex-officio Member of the University Council*

Professor Shepherd.....*Secretary*

Professor Seligman (Term expires 1911).....*Elected Delegate to the University Council*

Professor Munroe Smith (Term expires 1913)..*Elected Delegate to the University Council*

Professor Goodnow.....*Chairman Standing Committee on Instruction and ex-officio Member of the University Council*

Standing Committee on Instruction: Professors Goodnow, *Chairman;* Munroe Smith, Seligman, Giddings, and Robinson

GENERAL STATEMENT

The Faculty of Political Science established in 1880 has charge of the university courses of instruction and research in political and social science, including history, economics, public law, and comparative jurisprudence. Any duly matriculated university student is at liberty

[1] Absent on leave 1910–11.

[2] Absent on leave first half-year.

to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University. Women who hold a baccalaureate degree are admitted to the School of Political Science as students in history, economics, and social science and may become candidates for the higher degrees.

Students are received either as candidates for the degrees of Master of Arts and Doctor of Philosophy (see "Regulations for University Degrees," page 185 *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

It is the purpose of the School of Political Science to give a complete general view of all the subjects of public polity, both internal and external, from the threefold point of view of history, law, and philosophy. The prime aim is, therefore, the development of all the branches of the political and social sciences. The secondary and practical objects are:

(*a*) To fit young men for the public service.

(*b*) To give an adequate economic and legal training to those who intend to make journalism their profession.

(*c*) To supplement, by courses in public law and comparative jurisprudence, the instruction in private municipal law offered by the Faculty of Law.

(*d*) To educate teachers of history, economics, social science, public law, and jurisprudence.

COURSES OF INSTRUCTION

For information regarding the courses offered in 1910–11 see statement under groups of subjects, as follows:

Economics and Social Science, page 89.

History and Political Philosophy, page 112.

Politics, Public Law, and Comparative Jurisprudence, page 119.

For more detailed accounts of the courses and for the tender of 1911–12, application should be made for the *Announcement of the Division of History, Economics, and Public Law.*

Attention is also called to the separately printed pamphlet entitled *Faculties of Political Science, Philosophy, and Pure Science*, which may be had upon application to the Secretary of the University.

Yale-Columbia Courses in Preparation for Foreign Service

A system of courses has been inaugurated by Yale University and Columbia University, to prepare students for work in foreign countries, either in the service of the United States Government, in business enterprises, or as missionaries or scientific investigators.

The courses are intended to make the student familiar with the general subjects required for successful work in foreign countries and to enable him, by means of this knowledge, to gain quick mastery of

special problems that present themselves in diverse occupations and regions. More special courses of instruction are intended to convey knowledge relating to particular regions in which the student intends to carry on his work.

The successful completion of the courses offered, which will normally occupy three years in the case of candidates for the consular service, and two years in the case of candidates for other foreign service in special fields, will entitle the student, on recommendation of the joint committee in charge of the course of studies, to an appropriate certificate signed by the Presidents of Yale University and Columbia University. Subject to the rules of the two coöperating institutions, candidates for certificates are admitted to candidacy for the regular academic degrees.

The course of study is framed primarily for graduate students, but it is also open to specially qualified students who have not completed the full college course. Students are expected to have completed successfully at least two years of undergraduate work at either Yale University or Columbia College, or to give proof of equivalent training.

Candidates for a certificate must prove their ability to read French or German, and must have completed the regular college courses on the general principles of economics, American history, and European history of the nineteenth century.

The program of studies includes seven divisions: (1) Languages, (2) Geography, (3) Ethnography, (4) History, (5) Religions, (6) Economics, (7) Law.

For detailed information concerning these courses apply to the Dean of the Graduate School, Yale University, New Haven, Conn., or to the Secretary of Columbia University, New York City.

FACULTY OF PHILOSOPHY

The Faculty

President Butler
Professor Burgess
Professor Gottheil
Professor Carpenter
Professor Cattell
Professor Perry
[3]Professor Jackson
Professor Cohn
Professor Matthews
[3]Professor Todd
Professor Wheeler
Professor Egbert
Professor Thomas
Professor Speranza
Professor Boas
Professor Baker
Professor Russell
Professor McMurry
Professor Monroe
Professor Dutton
Professor Trent
Professor McCrea
Professor Lodge
Professor Young
Professor Farrand
Professor E. L. Thorndike
Professor Brewster
Professor Knapp
Professor Prince
Professor Woodbridge
Professor Hirth
Professor Adler
Professor Sachs
[1]Professor Strong
[2]Professor Saville
Professor Loiseaux
Professor Hervey
[2]Professor Tombo
Professor MacVannel
Professor Spingarn
Professor Olcott
[1]Professor Fullerton
[3]Professor Fletcher
Professor Dewey
Professor Woodworth
Professor A. H. Thorndike
Professor Remy
Professor Montague
Professor Lawrence
Professor Miller
Professor Weeks
Professor Gerig
Professor Ayres
Professor F. G. Moore
Professor Krapp
Professor Brunôt
Professor Erskine
[3]Professor Bagster-Collins

Officers of the Faculty

Professor Burgess.....*Dean and ex-officio Member of the University Council*

[1] Absent on leave 1910–11. [2] Absent on leave first half-year.
[3] Absent on leave second half-year.

Professor CARPENTER.....*Associate Dean and ex-officio Member of the University Council*
Professor McCREA..... *Secretary*
Professor PERRY (Term expires 1911)....*Elected Delegate to the University Council*
Professor A. H. THORNDIKE (Term expires 1913)....*Elected Delegate to the University Council*
Professor CATTELL.....*Chairman Standing Committee on Instruction and ex-officio Member of the University Council*

Standing Committee on Instruction: Professors CATTELL, *Chairman;* A. H. THORNDIKE, MONROE, EGBERT, and PRINCE

GENERAL STATEMENT

The Faculty of Philosophy established in 1890 has charge of the university courses of instruction and research in philosophy, psychology, education, anthropology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are received either as candidates for the degrees of Master of Arts and Doctor of Philosophy (see "Regulations for University Degrees," page 185 *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

COURSES OF INSTRUCTION

For information regarding the courses offered in 1910–11, see departmental statements as follows:

Anthropology, page 57.
Comparative Literature, page 101.
Education, page 92.
English, page 101.
Germanic Languages, page 108.
Greek (including Archæology and Epigraphy), page 78.
Latin (including Epigraphy and Roman Archæology), page 79.
Oriental Languages
Chinese, page 137.
Indo-Iranian, page 138.
Semitic, page 139.
Philosophy and Psychology, page 147.
Romance Languages, page 161.
Science of Language, page 139.

For more detailed accounts of the courses and for the tender of 1911–12, application should be made for the divisional *Announcements of Ancient and Oriental Languages; Modern Languages and Literatures; Philosophy, Psychology and Anthropology;* and of Teachers College.

Attention is also called to the separately printed pamphlet entitled *Faculties of Political Science, Philosophy, and Pure Science,* which may be had upon application to the Secretary of the University.

FACULTY OF PURE SCIENCE

The Faculty

President BUTLER
Professor BURGESS
[1] Professor CHANDLER
[3] Professor MUNROE
Professor CARPENTER
Professor MOSES
Professor HUNTINGTON
Professor OSBORN
Professor WILSON
Professor KEMP
Professor HALLOCK
Professor CROCKER
Professor PUPIN
[3] Professor BURR
Professor FISKE
Professor JACOBY
Professor COLE
Professor LEE
Professor DEAN
[1] Professor HOWE
[3] Professor WOODHULL
Professor DODGE
[2] Professor MACLAY
Professor BOGERT
Professor J. L. R. MORGAN
Professor CRAMPTON
Professor D. E. SMITH
Professor GIES
Professor GRABAU
[3] Professor RICHARDS
Professor CALKINS
Professor HISS
Professor KEYSER
[4] Professor HERTER
Professor LUQUER
Professor BURTON-OPITZ
Professor T. H. MORGAN
Professor POOR
Professor H. C. SHERMAN
Professor WILLS
Professor H. B. MITCHELL
Doctor BUMPUS
Professor LUCKE
Professor KASNER
Doctor BRITTON
Professor C. C. CURTIS
Professor S. A. MITCHELL
Professor PEGRAM
Professor DAVIS
Professor MACCALLUM
Professor STEWART

Officers of the Faculty

Professor BURGESS.....*Dean and ex-officio Member of the University Council*
Professor CARPENTER...*Associate Dean and ex-officio Member of the University Council*
Professor COLE.....*Secretary*

[1] Absent on leave 1910–11.
[2] Absent on leave first half-year.
[3] Absent on leave second half-year.
[4] Died December 5, 1910.

Professor KEMP (Term expires 1911).....*Elected Delegate to the University Council*

Professor WILSON (Term expires 1913).....*Elected Delegate to the University Council*

Professor FISKE.....*Chairman Standing Committee on Instruction and ex-officio Member of the University Council*

Standing Committee on Instruction: Professors FISKE, *Chairman;* PEGRAM, KEMP, WILSON, and BOGERT

GENERAL STATEMENT

The Faculty of Pure Science established in 1892 has charge of the university courses of instruction and research in all branches of pure science. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are received either as candidates for the degrees of Master of Arts and Doctor of Philosophy (see "Regulations for University Degrees," page 185 *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

COURSES OF INSTRUCTION

For information regarding the courses offered in 1910–11, see departmental statements as follows:

Anatomy, page 54.
Astronomy, page 60.
Bacteriology, page 62.
Biological Chemistry, page 63.
Botany, page 66.
Chemistry, page 69.
Civil Engineering, page 75.
Electrical Engineering, page 97.
Engineering Drafting, page 100.
Geology, page 105.
Mathematics, page 121.
Mechanical Engineering, page 124.
Mechanics, see **Physics.**
Metallurgy, page 127.
Mineralogy, page 129.
Mining, page 130.
Pathology, page 142.
Physics, page 153.
Physiology, page 156.
Zoölogy, page 169.

For more detailed accounts of the courses and for the tender of 1911-12, application should be made for the divisional *Announcement of Biology; Chemistry, Geology, Geography and Mineralogy; Mathematical and Physical Science;* and of the *Schools of Mines, Engineering, and Chemistry.*

Attention is also called to the separately printed pamphlet entitled *Faculties of Political Science, Philosophy, and Pure Science,* which may be had upon application to the Secretary of the University.

REGISTER OF STUDENTS, 1910–11

Under the Faculties of Political Science, Philosophy, and Pure Science[1]

ABBOTT, FREDERICK BANCROFT, A.M. 1904, Sc.B. Emporia 1900.....New York City
Philosophy

ABBOTT, MARGARET BEEKMAN, A.B. Mt. Holyoke 1906.....Plainfield, N. J.
Zoölogy

ACKERMAN, HOWARD CHESTER, A.M. 1907, B.D. General 1907.....Syracuse, N. Y.
Philosophy, Ethics

ADAMS, BENJAMIN PETTENGILL, A.B. Wesleyan 1907.....Rochester, N. Y.
English, Comparative Literature

ADAMS, FLORA DODSON, A.M. 1910, Ph.B. Chicago 1907.....Richmond, Va.
German, English

ADAMS, FLORENCE L., B.L. Holyoke 1893.....Shirley Centre, Mass.
English, Comparative Literature

ADLERBLUM, ISRAEL SAMUEL, A.M. 1909, A.B. C. C. N. Y. 1908.....New York City
Economics, Sociology, History

AESCHBACHER, JOSEPH EDMUND, Ph.B. German Wallace 1909.....Versailles, Mo.
Philosophy

ALBERT, ORRIN WILSON, A.B. Otterbein 1909.....Mt. Pleasant, Pa.
Mathematics, Education, Latin

ALDEN, ISABEL, A.B. Wellesley 1908.....Summit, N. J.
Botany

ALLES, ROBERT HARRY, B.S. C. C. N. Y. 1906.....Ridgewood, N. J.
English

ALLIS, MARY LINCOLN, B.S. 1906, A.M. 1908.....Amherst, Mass.
Sociology, Economics, History

ALPERIN, DAVID, M.D. Eclectic Med. Coll.....New York City
Biological Chemistry, Bacteriology

ALTARELLI CARLO C., B.D. Union Theol. 1910.....Paterson, N. J.
Sociology, Economics

ALTMAN, SAMUEL.....New York City
Economics

ALTROCCHI, RUDOLPH, A.B. Harvard 1908, A.M. 1909.....Cambridge, Mass.
Romance

AMANO, SHEIICHI, A.M. 1906, B.C. Doninsha 1892.....Shiguoka City, Japan
Economics

AMMERMAN, STEPHEN LEWIS, Ph.B. Lafayette 1893, M.S. 1896.....New York City
Physics, Education

AMOS, FLORA ROSS, A.M. 1909, A.B. Toronto 1902.....Aurora, Ont., Canada
English

ANDERSEN, MARY, A.B. Lake Forest 1905.....Hudson, Wisconsin
Latin, Education, History

ANDERSON, BENJAMIN MCALISTER, A.B. Mo. 1906, A.M. Ill. 1910....Springfield, Mo.
Economics, Philosophy, Sociology

[1] Officers in the University who are at the same time pursuing courses for the higher degrees are not included in this list. Wherever the name of a State is given after a degree, it signifies that the student has graduated from the given State University.

ANDERSON, JOSEPHINE COURTENAY, A.B. Wofford 1906, A.M. 1907....Pendleton, S. C.
English, Comparative Literature, Philosophy

ANSPACHER, ABRAHAM SAMUEL, A.B. Cincinnati 1900.....Scranton, Pa.
Semitics, Philosophy

ANTHONY, ELISABETH WILLIAMS, A.B. Bates 1908.....Lewiston, Me.
Social Economy, Economics, History

APPEL, FRANK JOHN, B.S. 1908, A.M. 1910.....New York City
Germanic

APPLETON, L. ESTELLE.....Victory, Vermont
L.B. Oberlin 1886, Ph.M. Chicago 1904, Ph.D. 1909
Anthropology, Physical Education

ARESON, CLINTON WEBBER.....New York City
English

ARNOLD, LYDIA G.....New York City
French, Italian

ASAKAWA, YASUHEI.....New York City
Administrative Law, Economics

ASKOWITH, DORA, A.B. 1908, A.M. 1909.....New York City
History

ATKINSON, CHARLES RAYMOND.....New York City
A.M. 1910, A.B. George Washington 1909
Constitutional Law, Administrative Law, History

AUGSBURY, EARL STONE, A.B. Hamilton 1901.....New York City
Mathematics

BACH, MATTHEW GRUENBERG, A.B. Trinity (Conn.) 1910.....Newark, N. J.
Germanic, Education

BACHRACH, SIMON.....New York City
A.M. 1909, A.B. C. C. N. Y. 1904, LL.B. N. Y. Univ. 1908
History

BACON, HELEN ESTELLE, Ph.B. Michigan 1892.....New York City
English

BAGNELL, ROBERT, A.M. 1909.....New York City
Psychology

BALDWIN, BURTON, A.B. Wesleyan 1902, A.B. Yale 1903.....New York City
Sociology

BARBEE, CONNIE CAZETTO, A.B. North Carolina 1910.....East Durham, N. C.
Economics, Sociology, History

BARR, JOSIAH HENRY, A.B. Hamline 1901.....Dwight, Ill.
History, Philosophy

BATES, THOMAS SINGLETON, A.B. Syracuse 1908.....Locke, N. Y.
English

BEACH, GRACE BENTLEY, B.S. Normal 1894, M.S. N. Y. Univ. 1898....Pelham, N. Y.
Physics

BEAL, GEORGE DENTON, A.B. 1910, Ph.B. Scio 1908.....Scio, Ohio
Chemistry

BECK, FLORENCE ROSE, A.B. N. Y. Normal 1909.....New York City
English

BECKWITH, HOLMES, B.L. California 1908, M.L. 1909.....New York City
Economics, Sociology, Anthropology

BEECKMAN, FLORENCE LOUISE, A.B. 1904, A.M. 1905.....New York City
History

BENDER, ANDREW, A.B. Lebanon Valley 1906.....Dillsburg, Pa.
Chemistry, Physics

BENEDICT, LAURA ESTELLE WATSON, A.B. Chicago 1900, A.M. 1904...New York City
Anthropology, Biology

BENEDICT, R. C., Ph.B. Syracuse 1906.....New York City
Botany, Zoölogy

BENNETT, FLORENCE MARY, A.B. Vassar 1903.....Nantucket, Mass.
Roman Archæology, Greek, Latin

BENSON, ADOLPH BURNETT, A.M. 1910, B.S. Wesleyan 1907.....Berlin, Conn.
Germanic, French

BENTON, CORNING, A.B. Harvard 1907, A.M. 1908.....Newton Centre, Mass.
History, International Law

BERNAYS, JUDITH, A.B. 1907.....New York City
History

BEVANS, GEORGE ESDRAS.....Pocomoke, Md.
A.B. Western Maryland 1906, A.M. Yale 1910
Social Economy

BEYER, BARNET JULIUS, A.M. 1910, A.B. Brooklyn Polytechnic 1908...New York City
English, Comparative Literature

BIDWELL, ALICE TOWNSEND, A.B. Mt. Holyoke 1899.....Freeport, Ill.
English, Comparative Literature, Philosophy

BILDERSEE, ADELE, A.B. N. Y. Normal 1903.....New York City
English, Comparative Literature

BISHOP, MERLE L., A.B. Hamilton 1902.....New York City
Mathematics, Education

BLACKBURN, LOUISA POWELL, A.B. 1906.....New York City
Zoölogy

BLAKEY, ROY GILLESPIE, Ph.B. Drake 1905, A.M. Colorado 1910.....Boulder, Colo.
Economics, Sociology, History

BLAUVELT, MARTIN EMERSON, A.B. 1905.....Yonkers, N. Y.
Latin, Education, History

BOAS, HELENE MARIE, A.B. 1909.....Grantwood, N. J.
Botany, Anthropology

BODWELL, HELEN ELIZABETH, A.B. Mt. Holyoke 1903.....Andover, Mass.
Zoölogy, Botany

BOLE, GEORGE ADDISON, B.S. Geneva 1906.....New York City
Chemistry, Education

BOLLER, PAUL FRANKLIN, A.B. Syracuse 1910.....Buffalo, N. Y.
Sociology, Economics, History

BOMAN, JOHN SIDNEY, A.B. Missouri 1902.....New York City
Mathematics

BONHAM, MILLEDGE L., JR., A.M. 1910, B.L. Furman 1900.....Anderson, S. C.
History, Education

BOOTH, LAURA, LL.B. N. Y. Univ. 1904, B.C. S. 1906.....New York City
Economics, Sociology, History

BORCHARDT, EDWIN M., B.S. 1908.....New York City
Jurisprudence

BOUDIN, ANNA PAVITT.....New York City
Sociology

BOURN, AUGUSTUS O., JR.....Bristol, R. I.
A.M. 1908, LL.B. Columbian 1891, B.C.S. N. Y. Univ. 1905
Sociology

BOWLES, FRANK C., A.B. Central 1903.....New York City
Education

BOYD, HERBERT ALEXANDER, A.B. Toronto 1909.....Listowel, Ont., Canada
Philosophy

BRADEN, CHARLES SAMUEL, A.B. Baker 1909.....Herington, Kan.
Sociology

BRADFORD, J. M., A.B. Florida State 1908, A.M. 1909.....Tallahassee, Fla.
English, Comparative Literature

BRADLEY, HELEN MARIA, A.B. Cornell 1906, A.M. Penn. State 1908...Southport, Conn.
German

BRAININ, CLEMENT S., A.B. 1908.....New York City
Physics, Astronomy

BRAININ, ELLA, A.B. N. Y. Normal, 1905, B.S. N. Y. Univ. 1908.....New York City
German

BRAUN, FRIEDA ALINE, A.B. N. Y. Normal 1907.....New York City
German

BREHAUT, ERNEST.....Colorado Springs, Colo.
A.B. Dalhousie 1894, A.B. Harvard 1896, A.M. 1897
History

BRETT, GEORGE MONROE, A.B. Bowdoin 1897.....Auburn, Me.
Mathematics

BREWER, MARGARET DRYDEN, B.S. 1910.....New York City
Sociology

BREWSTER, JOHN ALFRED, A.B. Harvard 1896.....Geauga Lake, Ohio
Sociology

BRIAM, EDWIN STUART, A.B. Pennsylvania 1904.....Elizabeth, N. J.
Zoölogy

BRITTAIN, WILLIAM MACKELLAR.....New York City
A.M. 1907, LL.B. N. Y. Univ. 1906, J.D. 1908
Sociology, Social Economy

BRONFENBRENNER, JACOB.....New York City
Chemistry, Zoölogy

BROWN, ARTHUR HENRY, A.B. Dickinson 1907.....Atlantic Highlands, N. J.
History, Semitics

BROWN, ETHEL ELIZABETH, A.B. Toronto 1904.....Bloomfield, Ont., Canada
German, Education

BROWNE, MABEL EMMA, A.B. 1906, A.M. 1908.....New York City
Mathematics, Physics

BROWNLEE, RAYMOND BEDELL, A.B. Rochester 1898.....New York City
Education

BRUNO, JOHN.....New York City
Philosophy, Psychology, Romance

BRUNSON, ORVILLE M., B.S. Earlham 1906..... Carmel, Ind.
Mathematics, Education

BUCHER, JONAS FRANKLIN, A.B. Franklin and Marshall 1903.....Milton, Pa.
Chinese, Psychology

BUDINGTON, ERNEST GUNTON, A.B. 1902, LL.B. 1905, A.M. 1905.....New York City
Constitutional Law, History

BUGBEE, EMMA, A.B. 1909.....Mathuen, Mass.
English

BUNNING, EDWARD, B.S. C. C. N. Y. 1906.....New York City
English

BURLINGAME, ANNE ELIZABETH, A.M. 1910, A.B. Syracuse 1900.East Springfield, N. Y.
History

BURNETT, MARGUERITE HILL, A.B. Adelphi 1910..... New York City
History

BURNHAM, REUBEN WESLEY, A.B. Amherst 1895.....New York City
Education

BURR, MARJORIE, A.B. Vassar 1899.....Williamstown, Mass.
English

BURRIS, VAN W., A.B. Oberlin 1910.....Platteville, Wis.
International Law, Economics, Constitutional Law

BURTON, EUNICE, A.B. Mt. Holyoke 1908.....Waterford, N. Y.
Social Economy

BUSHNELL, JOHN FREDERICK, A.B. Knox 1906 ..... Park Ridge, N. J.
Philosophy, History, English

BUSHONG, ALICE MARGARET, A.B. 1907 ..... New York City
Latin

CAMERON, WALTER SCOTT, A.B. C. C. N. Y. 1895 ..... New York City
Physics, Botany

CAMPBELL, FRANCES, A.B. Holyoke 1896 ..... Berry Village, N. H.
English, Comparative Literature

CANFIELD, LEON HARDY, A.B. Syracuse 1908 ..... Syracuse, N. Y.
History, Constitutional Law

CANN, JESSIE YEREANCE, A.M. 1910, A.B. Woman's Coll. Balt. 1904 ... Newark, N. J.
Chemistry, Physics

CAPLES, EDITH JESSIE, A.B. 1904 ..... New York City
French, German

CAPRON, FLORENCE ELIZABETH, A.B. Vassar 1905 ..... New York City
History

CAREY, EDWARD FRANCIS, A.B. Michigan 1898 ..... Poughkeepsie, N. Y.
Ethics, Philosophy of Religion

CARRIS, LEWIS HERBERT, B.L. Hobart 1898 ..... Newark, N. J.
English

CARROLL, CHARLES ANTONINUS, A.B. CORNELL 1910 ..... New York City
English, Comparative Literature

CARTER, JANE GRAY ..... New York City
A.B. N. Y. Normal 1901, A.M. N. Y. Univ. 1904, Ph.D. 1910
Latin, Greek

CASE, ADELAIDE TEAGUE, A.B. Bryn Mawr 1908 ..... New York City
History, Sociology

CASE, BRAYTON CLARKE, B.S. California 1910 ..... So. Acton, Mass.
Botany

CASTRITSY, GEORGE P., A.B. Evangelical, Smyrna 1895 ..... New York City
Comparative Literature

CHAMBERLAIN, ALBERT EDWARD, A.B. Oberlin 1908 ..... Oberlin, Ohio
Philosophy.

CHAPIN, F. STUART, B.S. 1909, A.M. 1910 ..... New York City
Sociology, Economics, Anthropology

CHAPIN, KATHERINE GARRISON ..... New York City
Philosophy

CHAPMAN, GERTRUDE ..... Mt. Vernon, N. Y.
History

CHASE, MARY LOUISE, A.B. Smith 1908 ..... New York City
Chemistry

CHAZAL, PHILIP MAXWELL, A.B. Charleston 1906 ..... Charleston, S. C.
Chemistry

CHEN, SHAO KWAN, A.M. Peking 1909 ..... Shanghai, China
Economics, Sociology, Constitutional Law

CHENOWETH, IRVING SHOEMAKER, A.B. Eureka 1905, A.M. 1907 ... Chambersburg, Ill.
Sociology, Economics

CHIDSEY, HAROLD RUSSELL, A.B. Lafayette 1909 ..... Easton, Pa.
Philosophy, Ethics

CHILDS, CLINTON S., A.B. Cornell 1907 ..... St. Louis, Mo.
Social Economy, History, Economics

CHITTICK, VICTOR LOVITT OAKES ..... Hartsport, N. S., Can.
A.B. Acadia 1905, A.M. 1906, A.M. Harvard 1908
English, Comparative Literature

CHRISLIP, ABRAM ELZA, A.B. Nashville 1901 ..... New York City
Psychology, Philosophy

CHU, CHAO-HSIN, A.B. Peking 1907 ..... Canton, China
Economics, Chinese

CLANCY, GEORGE CARPENTER, A.B. Amherst 1902, A.M. Harvard 1907. Castine, Maine
English, Comparative Literature

CLAPP, ELSIE RIPLEY, A.B. 1907, A.M. 1908 ..... New York City
English, Philosophy

CLARK, ELLA HAZEL, A.B. Illinois 1905 ..... Coffeyville, Kan.
Chemistry, Social Economy

CLARK, LORA MINNIE, B.S. 1909 ..... Northville, N. Y.
German, Education

CLARK, OLYNTHUS B., B.S. Eureka 1896, A.M. 1900 ..... Des Moines, Ia.
History, Constitutional Law

CLARK, ROSE MAY, B.S. 1910, B.S. Ohio Northern Univ. 1888 ..... Greenville, Ohio
English, Comparative Literature

CLARKE, ALEXANDER CECIL, A.B. Oxford 1909 ..... Reading, England
Geology, Mining, Metallurgy

CLARKE-SMITH, LINDA, B.S. 1906, A.M. 1907 ..... New York City
Sociology

CLIFTON, WALTER LEONARD ..... New York City
Ph.B. Mississippi 1896, A.B. Nashville 1900
Sociology, Economics, Administrative Law

CLOYD, GENEVIEVE, A.B. Smith 1897 ..... New York City
Greek

COAD, ORAL SUMNER, A.B. Knox 1909 ..... Galesburg, Illinois
English, Comparative Literature

COBLENZ, ADOLPH, B.S. C. C. N. Y. 1909 ..... New York City
English, Philosophy

COHEE, ORA JASON, A.B. Wabash 1909 ..... Logansport, Ind.
Sociology

COHEN, HERMAN MAX, A.B. Chicago 1909 ..... New York City
Philosophy, Sociology, Economics

COHEN, MARION, A.B. N. Y. Normal 1909 ..... New York City
English

COHEN, SAMUEL MEIR, B.S. 1910 ..... New York City
Psychology, Philosophy

COHN-MCMASTER, ALBERT MARIAN, A.B. 1910 ..... New York City
Romance

COLBURN, MARY PEABODY, A.M. 1910, A.B. Smith 1904 ..... New York City
English

COLBY, FLORENCE, A.B. Denver 1909 ..... Denver, Colorado
English

COLCORD, JOANNA CARVER, B.S. Maine 1906, M.S. 1909 ..... New York City
Sociology

COLEMAN, PAUL, A.B. Pittsburg 1905 ..... Allegheny, Pa.
English, Political Economy

COLEMAN, WILLIAM CARITHERS, A.B. Pittsburg 1909 ..... Allegheny, Pa.
Economics, Constitutional Law, Sociology

COLLIER, ELIZABETH BROWNELL, A.B. Vassar 1906 ..... New York City
English, Comparative Literature

COLVIN, DAVID LEIGH, A.B. Ohio Wesleyan 1900 ..... New York City
Economics

CONE, ETHEL WOLVERTON, A.B. Smith 1907 ..... New York City
English

CONN, JOHN EARL, A.B. Findlay 1910 ..... Findlay, Ohio
Economics, Sociology, Constitutional Law

CONNELL, JOHN WESLEY, A.B. Syracuse 1898.....New York City
Latin

CONROW, SARA BEDELL, B.S. Syracuse 1908.....Morristown, Penna.
Botany

COOK, ELIZABETH CHRISTINE, A.M. 1902, A.B. Smith 1899.....Northampton, Mass.
English, Comparative Literature

COOPER, FRANK BRISCOE, A.B. Randolph 1905, A.M. 1906.....Buena Vista, Va.
Physics, Mathematics, Astronomy

CORBETT, MILDRED.....North Adams, Mich.
Social Economy

COURTICE, WILLIAM NORMAN, A.B. Toronto 1908.....Hempstead, N. Y.
Semitics

COURTNEY, ARTHUR W., A.B. C. C. N. Y. 1910.....New York City
English, Comparative Literature

COUTANT, RAYMOND, Ph.B. Syracuse 1908.....New York City
Social Economy, Sociology, Administrative Law

COX, GEORGE BENSON, A.B. Western 1906, B.D. Trinity 1910....Holyrood, Ont., Can.
Sociology

COX, RICHARD GARFIELD, Ph.B. Hiram 1902.....Hiram, Ohio
Mathematics, Astronomy

CRAWFORD, GUSTAVUS C.....New York City
A.B. New Brunswick 1900, B.S. A.M. Harvard 1904
Physics

CRECRAFT, EARL W., Ph.B. Franklin 1907.....Franklin, Ind.
Constitutional Law, International Law

CRU, ROBERT LOYALTY, B. ès L. Grenoble 1901.....New York City
Romance, Comparative Literature

CUDDEBACK, ANNA MILLS, A.B. Vassar 1902.....Port Jervis, N. Y.
History, Education

CULLER, ARTHUR JEROME, A.B. Juniata 1908.....Lake, Ohio
Psychology

CULLER, ELMER AUSTIN, A.B. Juniata 1910.....Hartville, Ohio
Philosophy, Sociology

CUMMING, CHARLES GORDON, A.B. Dalhousie Univ. 1908.....Westville, N. S., Can.
Semitics

DAGHLIAN, GARABED KRIKOR.....Aintab, Turkey in Asia
A.M. 1910, A.B. Central Turkey 1902
Chemistry, Physics

DALE, JULIA.....New York City
English

DALY, CHARLES A., A.M. 1910, A.B. C. C. N. Y. 1908.....New York City
Social Economy, History, Economics

DANIEL, WILLIE WELLINGTON.....Columbia, S. C.
A.B. Columbia Coll. (So. Car.) 1907, A.M. 1907
English, Romance, History

DARLINGTON, HENRY V. B., A.B. 1910.....New York City
Sociology, History

DARNTON, MAIDA CASTELHUN, B.L. California 1894.....New York City
English

DAVIDOWITZ, HARRY SOLOMON, B.S. 1910.....New York City
Semitics, Philosophy

DAVIES, THOMAS, A.B. Kings, Canada 1899.....New York City
History

DAVIMOS, HARRY THADDEUS, A.B. 1910.....Harrison, N. J.
Constitutional Law

DAVIS, ALICE, A.M. 1904, Ph.B. Chicago 1899.....New York City
History

DAVIS, AMY ELIZA, Ph.B. Wesleyan 1904.....New York City
Physics

DAVIS, ETTA LINCOLN, A.B. Bryn Mawr 1899, A.M. Radcliffe 1899...Waverley, Mass.
Philosophy, Psychology

DAVIS, SARAH ELLEN, A.B. Bryn Mawr 1903.....Salem, N. J.
Zoölogy, Botany

DEAN, ROLLIN COLEGROVE, B.S. Wesleyan 1909.....Summit, N. J.
Zoölogy, Physiology, Botany

DECKER, ANNA S., B.S. 1910.....Lawville, N. Y.
German

DE CON, MAUDE, B.S. 1907.....Jersey City, N. J.
English, Education

DELANY, MARY JOSEPHINE, A.B. St. Lawrence 1904.....Clayton, N. Y.
Physics

DEMAREST, IRVING COMES, A.B. 1908, A.M. 1909.....Hackensack, N. J.
Greek, Latin, Indo-Iranian

DEMAREST, MARY CELIA, A.B. 1909.....Nanuet, N. Y.
Mathematics, Astronomy, Physics

DEMING, JAMES LEVI, A.B. Cincinnati 1889, A.M. Bethany 1900....New Haven, Conn.
Sociology, Economics, History

DEUTSCH, ESTELLE, A.B. N. Y. Normal 1909.....New York City
English

DEVLIN, FRANK B., A.B. 1910.....New York City
Education

DICKSON, ARTHUR, B.S. C. C. N. Y. 1909.....New York City
English, Comparative Literature

DIETRICH, RUTH LUCILE, A.B. Smith 1909.....New York City
Social Economy

DIMMICK, WILLIAM WARREN, LL.B. N. Y. Univ. 1906.....Margaretville, N. Y.
Economics

DISSOWAY, SARA THURSTON.....New York City
Economics

DODD, ROLLIN, B.S. Whitman 1906.....New York City
Philosophy, Sociology

DRAKE, DURANT, A.B. Harvard 1900, A.M. 1904.....Sharon, Mass.
Philosophy, Psychology

DRAPER, CAROLINE WOOD, A.B. Randolph-Macon 1904..... Oxford, Alabama
Latin, Education

DRAPER, OTIS HERBERT, A.B. Johns Hopkins 1910.....Baltimore, Md
History

DUBOSE, ROBERTA, B.S. Vanderbilt 1904.....Nashville, Tenn.
Social Economy

DUNSEATH, SAMUEL GLOVER, A.B. Ursinus 1910.....New York City
Economics, Sociology, Philosophy

DURFEE, CLAYTON GEORGE, B.S. 1905.....New York City
English, Education

EASTMAN, ELMER FRED, A.B. Wooster 1908.....Lima, Ohio
English

ECKSTEIN, MOSES.....Philadelphia, Pa.
Semitics, History

EDWARDS, DAYTON JAMES, B.S. Maine 1906.....Oxford, Me.
Physiology, Zoölogy

EGAN, ROSE FRANCES, A.B. Syracuse 1900.....Syracuse, N. Y.
English, Italian

ELDER, JOHN CLIFTON.....New York City
A.B. Emory 1895, A.M. 1896, A.M. Harvard 1910
International Law, Economics

ELIOT, THOMAS DAWES, A.B. Washington 1910.....Portland, Ore.
Social Economy, Sociology

ELMENDORF, AUGUSTINE, A.B. 1902.....Jersey City, N. J.
Sociology and Statistics

EIMER, AUGUST OTTO, A.B. 1906.....New York City
History, Sociology

ENDERS, HENRY CORNELIUS, B.C. Cooper Union 1904.....New York City
Chemistry, Geology

ENNIS, AGNES A., A.B. Normal 1909.....New York City
Zoölogy, Physiology

ERWIN, EDWARD JONES, A.B., A.M. Davidson 1906.....Morganton, N. C.
English, Romance

EVES, ANNA, A.B. Earlham 1907.....Richmond, Ind.
English, Comparative Literature, Education

FAIR, JAMES HOLLYDAY STONE.....New York City
Social Economy

FAIRLEY, JAMES A., A.B. Amherst 1888.....White Plains, N. Y.
Economics

FELT, EDWARD WOOD, A.B. Knox 1908.....Galesburg, Ills.
Sociology, History

FEINBERG, BENJAMIN GEORGE, A.M. 1910, B.S. C. C. N. Y. 1906.....New York City
Chemistry

FERGUSON, JOHN MAXWELL, A.M. 1909, A.B. Harvard 1908.....New York City
Economics, History, Sociology

FETTKE, CHARLES REINHARD, B.S. Washington 1910.....Tacoma, Wash.
Geology

FICHANDLER, ALEXANDER, A.B. N. Y. Univ. 1905.....New York City
Sociology

FIFIELD, MIRIAM, A.B. Mt. Holyoke 1908.....Worcester, Mass.
Romance

FINCH, RUTH STELLA, A.B. Smith 1906.....Easthampton, Mass.
Chemistry, Mathematics

FISCHEL, SADIE GERTRUDE, A.B. N. Y. Normal 1909.....New York City
Hebrew

FISCHER, WALTHER, B.L. Montpellier 1910.....Regensburg, Germany
Romance, English, Celtic

FISHBACK, BESS LUTE, B.S. Washington State 1910.....Adna, Wash.
Chemistry, Sociology

FISHER, EDGAR JACOB, A.B. Rochester 1906, A.M. 1907.....Rochester, N. Y.
History

FISHER, LINETTE ANDREWS.....New York City
Comparative Literature, English, Italian

FITZGERALD, SISTER M. XAVIER, A.B. New Rochelle 1909.....New Rochelle, N. Y.
History

FLETCHER, PRISCILLA, A.B. 1897, A.M. Colorado 1907.....New York City
English

FLIGELMAN, FRIEDA, A.B. Wisconsin 1910.....Helena, Montana
Sociology, Social Economy, History

FLOR, VICTOR DE LA.....Hawthorne, N. Y.
Philosophy, Psychology, Romance

FLOWER, CAROLINE MABEN.....New York City
Geology

FLYNN, HELEN, B.L. California 1904.....Berkeley, California
English, Education

FOCHT, MILDRED, A.M. 1908, A.B. Bryn Mawr 1904.....Plantsville, Conn.
Education

FOLEY, DANIEL, A.B. Boston 1901.....Brighton, Mass.
Economics, History

FOLWELL, ETHEL ANNA, A.B. Nashville 1910.....Nashville, Tenn.
Latin, Greek, Sanskrit

FORMAN, HUGH LOCKHART, A.B. Wooster 1907.....Wooster, Ohio
History

FOWLE, LUTHER RICHARDSON, A.B. Williams 1908.....Woburn, Mass.
History

FRANK, MAUDE MORRISON, A.B. N. Y. Normal 1907.....New York City
English

FRANKLIN, A. MILDRED, A.B. Wellesley 1904.....Atlantic Highlands, N. J.
Latin, Greek

FRARY, MARIE HARRIETTE.....Friendship, N. Y.
English

FRASER, JEAN MARTIN, B.S. 1909.....New York City
English

FREEBURG, VICTOR OSCAR, A.B. Yale 1905, A.M. 1908.....Lindsborg, Kan.
English

FREIDENREICH, EDYTH, A.B. 1906.....New York City
German

FRELEY, ELIZABETH MABEL, A.B. Wells 1904.....Auburn, N. Y.
English, Comparative Literature

FRERICHS, HARRISON MORTON, A.B. C. C. N. Y. 1910.....New York City
History

FRIEDMAN, WILLIAM HENRY, E.E. 1907, A.M. 1909.....New York City
Physics, Astronomy, Civil Engineering

FRIESS, LOTTIE L., B.S. 1908.....New York City
German

FUESS, CLAUDE MOORE, A.M. 1906, A.B. Amherst 1905.....Waterville, N. Y.
English, Comparative Literature

GARVEY, RICHARD, JR., B.S. St. Vincents 1905..... Los Angeles, Calif.
Constitutional Law

GAVIN, HELEN, A.B. Normal 1909.....New York City
Botany

GEHLKE, CHARLES ELMER, A.B. Western Reserve 1906.....Cleveland, Ohio
Sociology, Economics

GEIGER, ELLA LORENA, A.B. Wittenberg (Ohio) 1902.....Springfield, Ohio
Latin, Education

GEIGER, GEORGE AUGUSTUS, A.M. 1910, A.B. Harvard 1908.....West Orange, N. J.
Chemistry

GEIGERMAN, MRS. CHARLES.....New York City
Philosophy

GEIST, RAYMOND H., A.B. Western Reserve 1910.....Cleveland, Ohio
English

GETTLER, ALEXANDER OSCAR, A.M. 1909, B.S. C. C. N. Y. 1904.....New York City
Chemistry, Metallurgy

GIBBES, JESSIE BERTHA, B.L. Michigan 1896.....New York City
Philosophy, History, Music

GIBSON, MARIAN LATHROP, A.B. 1910.....New York City
Latin, Greek

GIGNOUX, ELISE MESSENGER, A.B. Bryn Mawr 1902.....Great Neck, N. Y.
Botany

GILBERTSON, HENRY STIMSON, A.B. California 1903.....New York City
History

GILLENTINE, LOGAN SEITZ.....Spencer, Tenn.
B.S. Burritt 1898, A.B. Nashville Bible Coll. 1900
English, Education

GILLESPIE, JAMES PACKARD, A.B. 1905.....Yorktown, N. Y.
International Law, History

GILMORE, FLOY V., A.B. Washington 1910.....Seattle, Wash.
Economics, Comparative Literature

GLASS, META, A.M. Randolph-Macon 1899.....Lynchburg, Va.
Latin, Greek

GLASS, ROSE, A.B. Washington 1904, A.M. Washington 1910.....Seattle, Wash.
Sociology, History, English

GOERTNER, ROSAMOND, B.S. 1907.....New York City
History

GOLDBERG, EMILIA, B.S. Temple 1907.....New York City
Sociology, Economics

GOLDMAN, AGNES, A.B. Bryn Mawr 1909.....New York City
Psychology

GOLDSMITH, ALFRED NORTON, B.S. C. C. N. Y. 1907.....New York City
Physics, Mathematics

GOLDSTEIN, SIDNEY EMMANUEL, A.B. Cincinnati 1903.....New York City
Social Economy, Sociology

GOOD, FRED FOREMAN, A.B. Juniata 1909.....Waynesboro, Pa.
Chemistry

GOODSPEED, GERTRUDE CLIFF, A.B. Bates 1898.....New York City
English, Education

GOODWIN, ETHEL LIZZIE, A.B. 1909, A.M. 1910.....New York City
Economics

GOOLD, EDGAR HUNT, A.B. Amherst 1904.....New York City
Philosophy

GOULD, MARY, A.B. Minnesota 1907.....East Orange, N. J.
German, Latin

GOWIN, ENOCH BURTON, Ph.B. Wisconsin 1909, Ph.M. 1910.....Litchfield, Neb.
Sociology, Economics, Anthropology

GRAFF, IRENE BRANDON.....New York City
A.B. N. Y. Normal 1898, A.M. N. Y. Univ. 1900
English

GRASSO, VINCENT, L.D. Royal Univ. Palermo 1905.....New York City
Comparative Literature, English

GRAUPNER, ADELINA PATTI, A.B. N. Y. Normal 1909.....New York City
English

GRAVES, GORDON HARWOOD.....Richmond, Ind.
A.M. 1909, B.S. Earlham 1905, A.B. Haverford 1906
Mathematics, Physics

GRAY, CLAUDINE, A.B. N. Y. Normal 1897.....New York City
French

GRAY, WIL LOU, A.B. Columbia S. C. 1903..... Laurens, S. C.
History, English

GREEN, ALEXANDER, A.B. C. C. N. Y. 1910.....New York City
Germanics, Latin

GREEN, HOWARD CHARLES, A.B. C. C. N. Y.....New York City
History

GREENE, LILLA ABIGAIL.....Hoosick Falls, N. Y.
A.M. 1910, A.B. Penn. Women's Coll. 1908
Social Economy

GREENSLADE, WILLIAM G., A.B. Whitman 1907 ..... Walla Walla, Wash.
History

GRIFFIN, EDITH, A.B. Kansas 1907 ..... Lawrence, Kan.
History, Economics, Education

GRIFFIN, HOWARD C., A.B. Bowdoin 1904 ..... Bangor, Me.
Chemistry

GRIFFIN, NED GRAY, B.S. Dartmouth 1910 ..... Albany, N. Y.
Chemistry

GRINFELD, ISAAC, A.M. 1910, B.C.S. N. Y. Univ. 1909 ..... New York City
Economics, Sociology, Constitutional Law

GRISWOLD, CHESTER ARTHUR, A.B. Wisconsin 1909 ..... Waukesha, Wis.
Sociology

GRISWOLD, VIRGINIA ANTOINETTE, A.B. Adelphi 1909 ..... New York City
English

GROESBECK, KENNETH, A.B. C. C. N. Y. 1905 ..... New York City
English

GROSSMAN, BENJAMIN LEONARD, A.B. Muhlenberg 1909 ..... New York City
Philosophy, Sociology

GUTHRIE, MRS. JENNIE KELSO, A.B. Mt. Holyoke 1899 ..... New York City
History, Sociology

HAAGE, MARY C., A.B. N. Y. Normal 1908 ..... New York City
Archæology

HAESSLER, LUISE, A.B. Chicago 1906 ..... New York City
Indo-Iranian, Romance

HALE, WILL TALIAFERRO ..... Mobile, Alabama
A.B. Vanderbilt 1902, A.M. 1902, B.D. Yale 1905
English, Comparative Literature

HALL, CLIFFORD W., A.B. Wesleyan 1904 ..... New Canaan, Conn.
English

HALL, HENRY MARION, A.M. 1909, A.B. Harvard 1899 ..... New York City
Comparative Literature

HALL, MARGARET WOODBURN, A.B. Vassar 1903 ..... Lowell, Mass.
Romance, Literature

HALLOCK, DANIEL WELLS, B.S. Cornell 1909 ..... Rocky Point, N. Y.
Geology, Metallurgy, Mining

HAMBURGER, NANNETTE, A.B. 1910 ..... New York City
English, Celtic

HAMILTON, R. A., A.B. Marshall 1904, A.M. Yale 1910 ..... New York City
Philosophy

HAMLIN, MARSTON LOVELL, A.M. 1909, A.B. Amherst 1908 ..... New York City
Chemistry

HAMMOND, ANNA BINGHAM, B.S. 1910 ..... New York City
History

HANCOCK, WILLIAM JEROME, B.S. Maine 1888, M.S. 1902 ..... New York City
Chemistry, Education

HANKE, EMIL, A.B. Colgate 1907 ..... New York City
Gothic

HARADA, TAMEZO, A.B. Chinzei (Japan) ..... Higo, Japan
Philosophy, Psychology

HARDHAM, SARAH MADELENE, A.B. Woman's College 1906 ..... Newark, N. J.
History

HARDY, RUTH GILLETTE, A.B. 1909 ..... New York City
History, Sociology

HARDY, SARAH DROWNE.....New York City
A.B. Boston 1887, M.D. Woman's Medical 1891, A.M. N. Y. Univ. 1900. LL.B. 1901
Social Economy

HARE, RALEIGH FREDERICK, B.S. Alabama Poly. 1892, M.S. 1893.....New Mexico
Chemistry

HARGITT, VICTOR B., A.B. Moore's Hill, 1901.....Asbury, N. J.
Philosophy, Psychology

HARKEY, TULA LAKE, A.B. Colorado 1909.....Birmingham, Ala.
Biological Chemistry

HARLOW, SAMUEL RALPH, A.B. Harvard 1908.....Grafton, Mass.
Sociology

HARPER, SAMUEL NORTHRUP, A.B. Chicago 1902.....Chicago, Ills.
Constitutional Law, Jurisprudence, History

HARRIN, FRANK HECTOR, A.B. Kansas State Normal 1910.....Prescott, Kan.
Economics, History, Education

HARRIS, HARRY CLEVELAND, A.B. Pennsylvania 1908..... New York City
Semitics, Constitutional and International Law, Philosophy

HARRIS, WILLIAM HENRY, B.D. Yale 1907, A.M. 1909.....New York City
Philosophy, Ethics

HARTMAN, HENRY G., A.B. Brooklyn Poly. 1900.....New York City
Philosophy

HARTUNG, ERNEST WILLIAM, A.B. 1910.....New York City
Germanic, Education

HARVEY, EDMUND NEWTON, B.S. Pennsylvania 1909.....Germantown, Pa.
Geology

HARVEY, HARRIET ANNE, A.B. Wisconsin 1904.....Racine, Wis,
Social Economy

HASEMAN, JOHN DIEDERICH, A.B. Indiana 1905, A.M. 1907.....Linton, Ind.
Zoölogy, Physiology

HAWES, HENRY QUIMBY, A.B. Bowdoin 1910.....Westbrook, Me.
Constitutional Law, Administrative Law, Economics

HAYDEN, JOEL BABCOCK, A.B. Oberlin 1909.....Reading, Pa.
Social Evolution

HAYS, LELAND, A.B. 1910.....New York City
Philosophy, Psychology

HAYS, MARGARET BECHSTEIN.....New York City
English

HAYWARD, GRACE ALTHEA, A.B. Kansas 1905, A.M. 1907..... Lawrence, Kansas
English, Comparative Literature, Education

HEADY, JOHN HENRY, A.B. Hobart 1901, A.M. Indiana 1907..... New York City
Sociology

HEALY, JOHN ROBERT, A.B. Harvard 1897, S.B. 1899..... Roxbury, Mass.
Geology

HEATH, BERTHA BAKER, B.S. Michigan Agr. 1898..... Newark, N. J.
Sociology, Economics, History

HEFFNER, JOSEPH SHAFFER, Ph.B. Mt. Union 1909.....Homeworth, Ohio
Philosophy, Sociology

HEIDELBERGER, MICHAEL, B.S. 1908, A.M. 1909.....New York City
Chemistry

HELLIN, LILIAN, A.B. 1907.....New York City
German

HELMRICH, ELSIE WINIFRED, A.B. 1908, A.M. 1909.....New Rochelle, N. Y.
German, French

HENDERSON, HAZEL, A.B. 1907.....New York City
Latin

HENDRIAN, AUGUST WILLIAM, B.S. 1909.....Detroit, Mich.
Physiology, German, Psychology

HENDRICKS, ETHEL, A.B. 1905, A.M. 1907.....New York City
English

HENDRICKS, HELEN ELIZABETH, Ph.B. Chicago 1907..... Madisonville, Ky.
Social Economy

HÉNIN, BENJAMIN LOUIS ANTOINE.....Newport, R. I.
A.B. Paris 1892, LL.B. 1895, A.M. Brown 1910
Romance

HENRICKS, WALTER ABRAHAM, A.B. Princeton 1907.....New York City
Sociology, Constitutional Law, History

HEPBURN, CHANNELL GALBRAITH, A.B. Bishop's 1908.....Richmond, Can.
Sociology

HERBERT, LEON MOSES, A.M. 1908, A.B. C. C. N. Y. 1906.....New York City
Greek, Latin

HERRICK, LYDIA L.....Michigan City, Ind.
Social Economy

HERSHEY, RUTH MARY, A.B. Lebanon Valley 1906.....Hershey, Pa.
English

HERZBERG, MAX JOHN, A.B. 1906.....Newark, N. J.
English

HESSELBACH, HENRY V., B.E. Cooper Union 1907.....New York City
Physics

HEUERMANN, HELENA F., A.M. 1909, A.B. Adelphi 1902.....New York City
French

HIGGINSON, JAMES JACKSON, JR., A.B. Harvard 1907, A.M. 1908.....New York City
Comparative Literature, English

HIGH, HAROLD GRIFFITH, A.B. Brown 1909.....Providence, R. I.
Sociology, Economics, History

HILLER, RACHEL ROSE, A.B. Leland Stanford 1906, A.M. 1907.....New York City
Latin

HILLER, ROBERT HENRY.....New York City
A.M. 1910, A.B. Wittenberg 1889, A.M. 1892
Classical Archæology, Latin, Greek

HIRSCHENSOHN, NIMA, A.M. 1907, A.B. Teachers College, Paris 1903..Hoboken, N. J.
Philosophy

HITOMI, JUNNESUKE, A.B. Waseda 1899.....Kyoto, Japan
Sociology, Economics, International Law

HODGDON, DANIEL RUSSELL.....New Brunswick, N. J.
A.B. Maine 1909, M.S. Potomac 1910
Physics

HODGSON, LESLIE J.....Rutherford, N. J.
Comparative Literature

HOGUE, MARY J., A.B. Goucher 1905, Ph.D. Würzburg 1909.....West Chester, Pa.
Zoölogy

HOLBROOK, CHARLES HENRY, A.B. Boston Univ. 1902, A.M. 1903.....East Lynn, Mass.
Education, Semitics

HOLLINGSHEAD, GEORGE GIVEN, Ph.B. Franklin 1907, Ph.M. 1910....Madison, N. Y.
Sociology, Economics, English

HOLMES, MARY E., A.B. Michigan 1903.....Hudson, Mich.
Mathematics, English

HOPKINS, JOHN LEE, A.B. Hamilton 1909.....Owasco, N. Y.
History

HOPSON, ELIZABETH FULLER, A.B. Vassar 1905.....Bridgeport, Conn.
History

HORN, ELIZABETH, A.B. 1903.....Martin's Creek, Pa.
Archæology, Latin, Greek

HORTON, LYDIARD, A.B. Williams 1901.....New York City
Psychology

HOUGHTON, MARION, A.B. Bryn Mawr 1906..... Baltimore, Md.
Social Economy

HOUSTOUN, EMANUEL W., A.B. Atlanta 1903.....Savannah, Ga.
Social Economy, Economics

HOWARD, ANNE MAY, A.B. Tabor 1907.....Tabor, Iowa
Social Economy

HOWARD, CLARE MACLLELEN, A.B. 1903, A.M. 1904.....New York City
English, Comparative Literature

HOWES, EMILY H., A.B. Wesleyan (Ga.) 1898.....New York City
Education

HOWES, LYMAN, A.B. Leland Stanford Jr. 1906.....New York City
Philosophy

HOYT, SAMUEL LESLIE, E.M. Minnesota 1909..... Minneapolis, Minn.
Metallurgy, Geology, Mining

HUA, YÜ-PENG, Ph.B. Yale 1908..... Soochow, China
Civil Engineering, Electrical Engineering, Economics

HUBBELL, JAY BROADUS, A.B. Richmond 1905, A.M. Harvard 1908...Red House, Va.
English, Comparative Literature

HUDSON, SYDNEY D. MOORE, Ph.B. Syracuse 1907.....Syracuse, N. Y.
Constitutional Law, History

HUENE, AMELIA HERMINE, A.B. N. Y. Normal 1908.....New York City
Latin

HUGHES, HARVEY H., A.B. North Carolina 1907, A.M. 1909..... Yorkville, S. C.
English, Comparative Literature

HUMMEL, GEORGE FREDERICK, A.M. 1903, A.B. Williams 1902.....Southhold, N. Y.
German, English

HUNSDON, ELEANOR CARY, A.B. 1908.....New Rochelle, N. Y.
History

HUNT, MAY LELAND, B.L. Wisconsin 1897, M.L. 1898..... Oneida, N. Y.
English

HUNTER, GERTRUDE L., A.B. 1910.....Plainfield, N. J.
History, English

HUNTINGTON, ANNE, A.B. 1910..... Hartsdale, N. Y.
English, Education

HURIE, WILLY LIN, A.B. Illinois 1906.....Petersburg, Ill.
Sociology, History

HURWITZ, SOLOMON THEODORE HALÉVY.....New York City
A.M. 1909, A.B. N. Y. U. 1909
Semitics, Indo-Iranian

HYDE, ISABELLA, A.B. Holyoke 1901..... Ware, Mass.
Philosophy

IMBERT, LOUIS, A.B. Missouri 1906, A.M. 1907..... St. Joseph, Mo.
Romance, Spanish, Comparative Literature

IZUMI, AKIRA, A.B. Lake Forest 1907, A.M. Wisconsin 1908..... Japan
International Law, Constitutional Law, History

JACKSON, ALICE DAY, A.B. Bryn Mawr 1902.....New York City
Spanish

JAMES, HERMAN GERLACH, A.B. Illinois 1906, A.M. 1910.....Urbana, Ill.
Administrative Law, Constitutional Law, History

JAMES, ROSALIE TELFAIR, A.M. 1908, A.B. Bryn Mawr, 1903.....New York City
Romance

JAQUA, ERNEST JAMES, A.M. 1910, Ph.B. Grinnell 1907.....New York City
Philosophy

JARVIS, EDITH LILLIAN, A.B. Smith 1909.....New York City
English

JENKINS, HESTER DONALDSON, Ph.B. Chicago 1898, Ph.M. 1899.....Oshkosh, Wis.
History, Turkish, Arabic

JENNEY, CHESTER EZEKIEL.....New York City
Philosophy, Economics

JENNINGS, IRWIN G., A.B. Marietta 1910.....Zanesville, Ohio
Constitutional Law, Administrative Law, Sociology

JOHNSON, ELEANOR HOPE, A.B. Smith 1894.....New York City
Anthropology

JOHNSON, EVELYN PRESTON, A.B. Carleton 1899.....Minneapolis, Minn.
Social Economy

JOHNSON, FALBA LOVE, A.B. Women's Coll. (Columbia, S. C.) 1905.....Marion, S. C.
English, Education

JOHNSON, MARGARET M.....Fort Wayne, Ind.
Social Economy

JOHNSTON, MALCOLM S., A.B. Hobart 1896.....Geneva, N. Y.
Social Economy, Economics

JOHNSTONE, ROBERT ZACHARIAH, A.B. Virginia Union 1908.....New York City
Sociology

JONES, FREDERICK BIRD, A.M. 1899, A.B. Colgate 1898.....New York City
Latin

JONES, RICHARD FOSTER, A.M. 1910, A.B. Texas 1907.....Salado, Texas
English, Greek

JORDAN, JOHN CLARK, A.B. Knox 1908.....New York City
English, Comparative Literature

JOSEPH, MYRTLE JEANNETTE, A.B. California 1900.....New York City
German

JOSEPH, SAMUEL, A.B. C. C. N. Y. 1902.....New York City
Sociology

JUI PAO-VUNG, Ph.B. Yale 1909.....Shanghai, China
Geology

JUNGE, ELSA WILHELMINA THERESA, A.B. N. Y. Normal 1909.....New York City
Latin

KAHN, LINA, A.M. 1909, A.B. Libau (Russia) 1903.....New York City
Philosophy, German

KAHN, MAX, M.D. Cornell 1910.....New York City
Chemistry

KAINE, JOSEPH M., B.S. N. Y. Univ. 1910.....New York City
Zoölogy

KAVANAGH, EDWARD J., A.B. St. Peter's 1890, A.M. 1898.....New York City
Latin

KEAGEY, ESTHER, A.B. 1900.....New York City
English

KEEP, AUSTIN BAXTER, A.B. Amherst 1897, A.M. 1901.....New York City
History

KEISTER, ALBERT SAMUEL, A.B. Otterbein 1910.....Westerville, Ohio
Social Economy, Economics, History

KELLER, HERMINA HANNAH, A.B. N. Y. Normal 1909.....New York City
English

KELLOGG, CLARA LOUISE, Ph.B. Baylor 1908 ..... Hewitt, Texas
English, Comparative Literature

KELLS, LYMAN MORSE, A.B. Minnesota 1910 ..... Sauk Centre, Minn.
Mathematics, Philosophy

KENDRICK, BENJAMIN BURKS, B.S. Mercer 1905 ..... Columbus, Ga.
History, Constitutional Law

KERN, FRANK DUNN, B.S. Iowa 1904, M.S. Purdue 1907 ..... Lafayette, Ind.
Botany, Zoölogy

KETCHUM, ROLAND STUART, A.B. 1910 ..... New York City
Latin, Education

KIDD, HOWARD CARSON, A.B. Geneva 1908 ..... New York City
Economics, Constitutional Law, English

KILROE, EDWIN PATRICK, A.B. 1904, A.M. 1905, LL.B. 1906 ..... New York City
Constitutional Law

KING, ELIZABETH EDWARDS, A.B. Wellesley 1897 ..... Trumansburg, N. Y.
English, Comparative Literature

KING, HOWARD LANGDON, A.B. C. C. N. Y. 1908 ..... New York City
Mathematics

KING, LEWIS CASS, B.S. C. C. N. Y. 1908 ..... New York City
History

KING, LORENZO HOUSTON, A.B. Clark 1902, A.M. 1910 ..... South Atlanta, Ga.
English, Education

KINGSBURY, MABEL G. ..... Yonkers, N. Y.
English

KINGSLEY, JULIUS STANTON, B.S. N. Y. Univ. 1910 ..... Northport, N. Y.
Botany

KITAHARA, YOSHIWO, LL.B. Waseda 1905 ..... New York City
Constitutional Law, International Law, Sociology

KIVLEN, MAUDE DOLORES, A.B. Normal 1909 ..... New York City
Economics, History

KLAFTER, SIMEON HENRY, A.B. C. C. N. Y. 1909 ..... New York City
German

KLEEBERG, GORDON SAUL PHILIP ..... New York City
A.B. 1905, A.M. 1906, LL.B. 1907, LL.M. 1908
Constitutional Law

KLEIN, JOHN ANTON, Ph.B. Central Wesleyan 1906 ..... Stockholm, N. J.
Sociology

KLEIN, LEOPOLD, A.B. 1910 ..... New York City
German, Comparative Literature

KNAPP, FLORENCE A. ..... New York City
Social Economy, Economics

KNAPP, JESSIE ALLEN, A.B. Smith 1907 ..... New York City
English

KNOWLTON, MARY EMILY, A.M. 1909, A.B. King's (Can.) 1908 ... St. John, N. B., Can.
Comparative Literature

KOHL, KARL ..... Mainz a/Rh., Germany
English, German, French

KOO, VI KYUIN WELLINGTON, A.B. 1908, A.M. 1909 ..... Shanghai, China
International Law

KOZAN, GENDO, A.B. Sodo (Tokio) 1906 ..... New York City
Philosophy, Sociology

KUHN, ARTHUR KLINE, A.B. 1895, A.M. 1896, LL.B. 1897 ..... New York City
Roman Law and Comparative Jurisprudence, International Law, Constitutional Law

KUPER, GERTRUDE MARY, A.B. Notre Dame, Md. 1909 ..... Baltimore, Md.
Psychology, Education

KURZ, HARRY, A.B. C. C. N. Y. 1909.....New York City
French, German

LADEN, JAMES EDWARD, A.M. 1905, A.B. Manhattan 1904.....New York City
Mathematics

LAIDLER, HARRY WELLINGTON.....New York City
A.B. Wesleyan 1907, LL.B. St. Lawrence 1910
Economics, Sociology, Constitutional Law

LAMONT, FLORENCE CORLISS, A.M. 1898, B.S. Smith 1893.....Englewood, N. J.
Philosophy, Economics

LANE, EDWIN SELDEN, Ph.B. Yale 1908.....Germantown, Pa.
Sociology, Philosophy

LANE, WINTHROP DAVID, A.B. Michigan 1910.....Fort Wayne, Ind.
Sociology

LANEY, EMMA MAY, A.B. Woman's Coll. Miss. 1906.....Tupelo, Miss.
English, Comparative Literature, Education

LANG, WILLIAM GORDON, A.B. Trinity (Texas) 1904.....New York City
Psychology

LANGTON, WILLARD SAMUEL, B.S. Utah Agr. 1896.....Logan, Utah
Mathematics, Education

LAPOLLA, GARIBALDI, A.B. 1910.....New York City
English, Comparative Literature

LARIMORE, LOUISE DODDRIDGE, A.B. Wellesley 1910.....New York City
Chemistry

LAUBACH, FRANK CHARLES, A.B. Princeton 1909.....Benton, Pa.
Sociology

LAUCKS, SAMUEL SIMON, A.B. Ursinus 1910.....Red Lion, Pa.
Constitutional Law, Jurisprudence

LAW, MARION FOX, A.B. N. Y. Normal 1909.....New York City
German, English

LAWRENCE, LILLIE MARIA, B.S. 1905.....New York City
Romance

LAWSON, LEONARD AXEL, A.B. Upsala 1909.....Kenilworth, N. J
History, Sociology

LAY, VERA, A.B. Michigan 1906.....Kalamazoo, Mich.
Economics, Sociology, Philosophy

LEE, BURTON HOWARD, A.B. Yale 1902.....New York City
Sociology

LEE, ELI FRANKLIN, A.M. 1908, A.B. Trinity 1905.....Newton Grove, N. C
Sociology, Economics, Philosophy

LEE, MARGUERITE T., B.S. Cornell 1894, A.M. N. Y. Univ. 1905.....New York City
Biological Chemistry

LEEDS, JOHN BACON, B.S. Haverford 1895, A.M. Pennsylvania 1910..Moorestown, N. J.
Social Economy, Sociology

LEET, MARGARET ANITA, A.B. Vassar 1908.....East Orange, N. J
German

LEISERSON, WILLIAM MORRIS, A.B. Wisconsin 1908.....New York City
Economics, Sociology, Constitutional Law

LEITER, SUSAN BROWN, A.B. Mt. Holyoke 1899.....Wellington, S. Africa
Physics, Mathematics

LELAND, SAMUEL ROBB, A.B. Hanover 1905..... Madison, N. J.
Semitics, History

LESSELBAUM, SAMUEL, B.S. C. C. N. Y. 1901.....New York City
History, Education

LEVENSOHN, ROSE, A.B. N. Y. Normal 1908.....New York City
German, Romance

LEVINE, LOUIS.....New York City
Sociology, Economics, Philosophy

LEVINE, MICHAEL, A.M. 1910, B.S. C. C. N. Y. 1906.....New York City
Physiology, Botany

LEVINE, VICTOR EMANUEL, A.B. C. C. N. Y. 1909..... Lincoln Park, N. J.
Chemistry

LEVISON, J. J., A.B. C. C. N. Y. 1902.....New York City
Botany, Geology

LEVY, SAMUEL LEON, A.B. C. C. N. Y. 1908.....New York City
Economics, Constitutional Law

LEWIS, ALBION BAYARD, A.B. Bates 1906..... New York City
Mathematics

LEWIS, CHARLES LEE, A.B. Tennessee 1906.....Doyle, Tenn.
English, Comparative Literature

LEWIS, EDWARD RUST, A.B. Ohio 1907, A.M. 1908.....New York City
History

LEWIS, ERNEST DORMAN, A.B. Stanford 1893, A.M. Harvard 1897.....New York City
History

LEWIS, LEICESTER CROSBY, A.B. 1910.....New York City
Philosophy

LIEBOVITZ, SIDNEY, A.B. 1909.....New York City
Chemistry

LINDSAY, FREDERIC NYE, A.B. Yale 1889, A.M. 1895.....New York City
Semitics, Sociology

LINDSLEY, THAYER, A.B. Harvard 1904.....New York City
Geology

LINEHAN, PAUL HENRY, A.B. Harvard 1902.....New York City
Mathematics

LOCKE, GLADYS, A.B. Smith 1908.....New York City
Romance

LOCKWOOD, JULIA BELDEN, A.B. Vassar 1901.....Norwalk, Conn.
English, Geology

LOGAN, JOHN HUBBARD, A.M. 1904, A.B. Mercer 1900.....New Brunswick, N. J.
History

LONG, DORIS, A.B. 1910.....New York City
English, Economics

LONG, SHIRLEY VIRGINIA, A.B. Florida 1907, A.M. 1908.....Memphis, Tenn.
English, Comparative Literature, French

LOURIE, JOHN MARSHALL, A.B. Knox 1908, A.M. Illinois 1909.....Ipava, Ill.
International Law, Constitutional Law, Sociology

LOVE, HARRY MELVILLE, A.B. N. Y. Univ. 1909.....New York City
English, Constitutional Law

LOYOLA, MOTHER, A.B. St. Angela 1908.....New Rochelle, N. Y.
Latin

LUDINGTON, ARTHUR CROSBY, A.B. Yale 1902.....New York City
Constitutional Law, International Law, History

LYON, DARWIN OLIVER, A.M. 1908.....Mt. Vernon, N. Y.
Psychology, Physiology, Zoölogy

LYON, LORENZO GRENVILLE, A.B. Princeton 1892, A.M. 1895.....New York City
Greek

LYONS, JOHN RAMBO, A.B. James Millikin 1910.....Decatur, Ill.
Philosophy

LYONS, MARIE B., A.B. Adelphi 1909.....New York City
English

MCAFEE, ALMER MCDUFFIE, A.B. Texas 1908.....Corsicana, Texas
Chemistry

McCarthy, John D., B.S. Dartmouth 1908 ..... New York City
Anatomy, Chemistry

McClelland, George Hamilton ..... New York City
A.B. Westminster 1903, B.D. Union Theol. 1909
Sociology

McCord, Marvin O., B.S. Meridian 1910 ..... Jackson, Ga.
History, Sociology

McCorkle, Daniel Spencer, A.B. Missouri Valley 1909 ..... Marshall, Mo.
Sociology

McCormick, Mary Gertrude, A.M. 1908, A.B. Cornell 1906 ..... Monticello, N. Y.
Social Economy, Education

McCulloch, Rhoda Elizabeth, A.B. Oberlin 1910 ..... Freemont, Ohio
Social Economy

McCurry, Daniel Ernest, A.B. Missouri Valley 1909 ..... Salisbury, Mo.
Sociology, History

McCurry, Mary C., A.B. Colorado 1908 ..... Greeley, Col.
Social Economy

McCurry, Maude Parrett, A.B. Missouri Valley 1909 ..... Fairfield, Iowa
English

McDowell, Florence ..... Delaware, Ohio
A.M. 1910, A.B. Ohio Wesleyan 1900, A.M. 1901
English

McElreath, Mary Elizabeth ..... Atlanta, Ga.
English, Comparative Literature

McIntyre, Clara Frances, A.B. Radcliffe 1900 ..... New York City
English, Comparative Literature

McLean, Charles Victor, A.B. Toronto 1909, A.M. 1910 .... Port Perry, Ont., Can.
Semitics

McNally, Marie A., A.B. Trinity 1910 ..... White Haven, Pa.
Mathematics

McSorley, Joseph, A.B. St. John's 1891 ..... New York City
Economics

Ma, Yiu Chú, A.B. Yale 1910 ..... Shansing, China
Political Economy, Sociology, Constitutional Law

Macavoy, Clarissa Harben, A.B. 1905, A.M. 1910 ..... New York City
Germanics, Comparative Literature

Maeder, Joel ..... New Germantown, N. J.
Philosophy

Mahler, Louise, A.B. N.Y. Normal 1910 ..... New York City
Romance, Education

Mahnken, Anna Henrietta, A.B. N.Y. Normal 1909 ..... New York City
English

Manheimer, Wallace ..... New York City
Zoölogy, Physiology

Margoshes, Samuel, A.M. 1910, A.B. Tarnow 1905 ..... New York City
Philosophy, History, Economics

Markham, Reuben Henry, A.B. Washburn 1908 ..... West Milford, N. J.
Philosophy

Marrs, Leola Ethel, A.B. West Virginia 1904 ..... Huntington, W. Va.
Chemistry, Physics

Marvin, Henry Howard, B.S. Grinnell 1906 ..... Grinnell, Ia.
Mathematics, Physics

Mason, Marvin Garfield, A.B. Dickinson 1906 ..... Hazelton, Pa.
English, Comparative Literature, History

Mathewson, Chester A., B.S. 1905, A.M. 1906 ..... Cincinnati, Ohio
Biological Chemistry

MATSON, ESTHER, A.B. Goucher 1897.....New York City
History

MATSUDA, MISS MICHI, A.B. Bryn Mawr, 1899.....Mineyama, Japan
Sociology and Statistics, History, Economics

MATT, CALMAN DAVID, A.B. Pennsylvania 1909.....New York City
Semitics

MAYERS, LOUIS, A.B. C. C. N. Y.....New York City
Constitutional Law, Economics, History

MAYO, MARION J., A.M. N. Y. Univ. 1904.....New York City
Psychology

MEIKLE, ALEXANDER MCPHERSON, A.B. Wabash 1908.....Nova Scotia, Can.
Economics

MERRITT, ETHEL MAY, A.B. N. Y. Normal 1909.....New York City
Latin, Philosophy

MESSENGER, WILFRIDA F., B.S. 1910.....New York City
Latin, Archæology, Greek

MESSER, WILLIAM STUART, A.B. 1905, A.M. 1909.....Jersey City, N. J.
Latin, Greek, History

METZGER, LOUISE GERTRUDE WAGMANN, B.S. 1907.....Elmira, N. Y.
German

MEYER, ANNA, A.B. N. Y. Normal 1909.....New York City
Latin

MIDDLETON, FLORENCE, B.S. 1910.....New York City
Botany

MILLARD, ETHEL FLORENCE, A.B. 1904.....Montclair, N. J.
History

MILLER, IDA L. KNAUSS.....Philadelphia, Pa.
A.B. Temple 1907, A.M. Pennsylvania 1909
Greek

MILLER, LIVY MAGENTA, A.B. De Pauw 1910.....Roachdale, Ind.
English, Education

MINER, ROY WALDO, A.B. Williams 1897.....New York City
Zoölogy, Geology

MIRSKY, ISRAEL, A.M. 1909, B.S. C. C. N. Y. 1908.....New York City
Mathematics

MITCHELL, JULIA POST, A.M. 1904, B.L. Smith 1901.....New York City
English

MONTGOMERY, SARAH LOUISE, B.S. 1910.....New York City
Psychology, Philosophy

MONTYN, WILHELM PETER.....Gouda, Holland
International Law

MOODY, JULIA E., B.S. Mt. Holyoke 1894, A.M. 1909,.....South Hadley, Mass.
Zoölogy, Bacteriology

MOORE, GEORGE FLEMING.....Mountain View, N. J.
Indo-Iranian, Chinese

MORREY, WILLIAM THOMAS.....New York City
A.B. Ohio State 1888, A.M. N. Y. Univ. 1893
History

MORRIS, FREDERICK KÜHNE, A.M. 1910, B.S. C. C. N. Y. 1904.....New York City
Geology, Zoölogy

MORROW, EDGAR KEER, A.B. Ohio Wesleyan 1905.....New York City
Sociology, History

MORSE, HERMAN NELSON, A.B. Alma 1908.....Ludington, Mich.
Social Economy, History

MOSES, SOPHIA, A.B. Wellesley 1909.....Mt. Vernon, N. Y.
German

MOSHER, JOSEPH ALBERT.....Millerton, Pa.
A.M. 1907, Ph.B. Syracuse 1905, Ph.M. 1906
English

MOTTLEY, FRANK WILBUR, A.B. Minnesota 1908.....Redwing, Minn.
Botany

MUELLER, ADELE ELIZABETH, A.B. Wellesley 1910.....East Orange, N. J.
German, English

MULLER, HERMANN JOSEPH, A.B. 1910.....New York City
Physiology, Zoölogy, Chemistry

MUNSON, DANIEL GILBERT, A.M. 1910, A.B. Colby 1892, A.M. 1895....New York City
English, Education

MURPHY, FLORENCE, A.M. 1910, A.B. Dublin 1906.....New York City
Romance

MYERS, GARRY CLEVELAND, A.B. Ursinus 1909.....Sylvan, Pa.
Psychology, Education, Sociology

NAITO, YUKICHI, B.L. Meigigaguin Coll.....Toyohashi, Japan
Sociology

NAKAHARA, TOICHI.....Kumamoto, Japan
International Law, Economics, Constitutional Law

NAKANO, IKUO, A.B. Nippon 1901.....Tsu City, Japan
Economics, Sociology, International Law

NAMMACK, ELIZABETH FRANCES, A.B. 1895, A.M. 1896.....New York City
Latin, Greek

NEALON, KATHLEEN E., A.B. Holyoke 1909.....Paterson, N. J.
English, Social Economy

NEEL, HENRI CHARLES, A.B. Sorbonne 1909.....New York City
Romance, Comparative Literature, German

NEFF, CLARENCE ALVIN, Ph.B. Wooster 1907.....Bucyrus, Ohio
Chinese, Sociology

NEUMAN, ABRAHAM, B.S. 1909.....New York City
History

NEUMANN, HENRY, A.B. C. C. N. Y. 1900, Ph.D. N. Y. Univ. 1906.....New York City
Philosophy

NEW, FRANCIS D.....New York City
English, Romance

NEWBOLD, HELEN, A.B. 1909.....New York City
Economics

NICHOLS, JOHN TREADWELL, A.B. Harvard..... Englewood, N. J.
Botany

NIFENECKER, EUGENE ALEXANDER, A.M. 1906, A.B. C. C. N. Y. 1901..New York City
History, Education

NORTH, ERIC MCCOY, A.B. Conn. Wesleyan 1909.....New York City
History

NUDD, HOWARD WEBSTER, B.S. Temple 1907.....Philadelphia, Pa.
Social Economy, Sociology, Education

OAKLEY, THOMAS POLLOCK, A.B. 1909.....Northport, N. Y.
History, Sociology

O'BYRNE, MICHAEL ALOYSIUS, Ph.B. St. Francis Xavier 1893.....New York City
Celtic

O'CONNELL, EDWARD JOSEPH, A.B. 1906.....New York City
English, History

O'DONAHOE, KATHERINE JOSEPHINE, A.B. Trinity 1905..... Augusta, Ga.
English, Education

O'DONNELL, AGNES TERESA, A.B. 1910.....New York City
Germanics

O'Donnell, Margaret M. A., A.B. 1910.....New York City
Germanics

Ogburn, William Fielding, A.M. 1909, B.S. Mercer 1905.....Atlanta, Ga.
Sociology, Economics, Anthropology

O'Hanlon, Laura Virginia, A.B. 1910.....New York City
English, Education

Okuntsoff, Elaine, A.M. 1909, A.B. N. Y. Normal 1908.....New York City
Social Economy, Sociology

Oldfield, Harry Lees, A.B. Brown 1910.....Saylesville, R. I.
Philosophy

O'Leary, Patrick, A.B. Royal Univ. (Cork) 1904.....New York City
Sociology, English

O'Neil, William Roe, A.B. Tufts 1896.....New York City
Romance, Philosophy

Ongley, Lucy Evelyn, A.B. Smith 1908.....New York City
Romance, Education

Oni, Kaname, A.B. Nippon 1905.....Tokushima City, Japan
Economics, Sociology, Public Law

Orenstein, Marie Sabsovich, A.B. Swarthmore 1906.....New York City
Economics

Ornstein, Martha, A.B. 1899, A.M. 1900.....New York City
History

Orr, Pauline Vande Graaffe.....Columbus, Miss.
English, Comparative Literature, German

Osterud, Hjalmar Laurits, A.B. Washington 1909, A.M. 1910.....New York City
Geology, Zoölogy

Otuska, Sosuke, A.B. Reio-gijuku (Tokyo) 1909.....Tochigi-machi, Japan
Economics, Sociology, History

Owens, Rosemary, A.B. Normal 1910.....New York City
Botany, Zoölogy

Packard, Charles, B.S. Syracuse 1907, M.S. 1908.....Stratford, Conn.
Zoölogy, Chemistry

Page, Elizabeth Anne, A.B. Syracuse 1907.....Pennellville, N. Y.
History, Latin, German

Palmblad, Harry Victor Emmanuel, A.B. 1907, A.M. 1910.....New York City
German, English

Palmer, Edna Adeline, A.B. 1910.....New York City
History

Pangborne, Katharine, Ph.B. Syracuse 1906.....Tarrytown, N. Y.
History

Parker, Thomas Valentine.....New York City
A.B. Amherst 1900, A.M. 1903, Ph.D. N. Y. Univ. 1906
History

Parmelee, William Josiah, B.S. Amherst, 1909.....Springfield, Mass.
Chemistry

Parsons, Llewellyn.....New York City
Philosophy

Paterson, Robert Wight, A.M. 1910, A.B. Oberlin 1904.....Amherst, Ohio
History, Public Law

Payton, Jacob Simpson, A.B. Fort Worth 1908.....Madison, N. J.
English, History, Sociology

Pearl, Joseph, A.B. C. C. N. Y. 1906.....New York City
Latin, Greek

Pearson, William De Forest, A.B. 1910.....Waterloo, N. Y.
German, Comparative Literature

PECK, EMILY SEYMOUR, A.B. Adelphi 1909 ..... New York City
English

PECK, OLIVE RICHARDS, A.B. Lawrence 1910 ..... Chicago, Ill.
English, Education

PEDERSEN, FREDERICK M ..... New York City
E.E. 1893, B.S. C. C. N. Y. 1889, Sc.D. N. Y. Univ. 1905
Mathematics, Physics, Chinese

PERKINS, FRANCES, A.M. 1910, A.B. Mt. Holyoke 1902 ..... Worcester, Mass.
Sociology

PERRY, EDWARD OWEN, A.B. Hamilton 1903 ..... Sauquoit, N. Y.
Romance, German

PERRY, JEAN, A.B. Smith 1909 ..... New York City
Botany, Education

PERRY, WILLIAM HENRY, A.B. Syracuse 1908 ..... Locke, N. Y.
Philosophy, Ethics

PETERSON, ARTHUR EVERETT, A.B. Tufts 1892, A.M. 1897 ..... S. Coventry, Conn.
History

PFEIFFER, GEORGE ADAM, M.E. Stevens 1910 ..... New York City
Mathematics, Mathematical Physics, Philosophy

PFEIFFER, PETER AUGUST, B.S. Wesleyan 1910 ..... Hoboken, N. J.
Chemistry

PHILP, MARY ISABEL, A.M. 1906 ..... Chateaugay, N. Y.
Philosophy

PICARD, MAURICE, A.B. 1910 ..... New York City
Greek, Latin

PICK, THEKLA, A.M. 1910 ..... New York City
Germanics

PLANER, CLARA HELENE, B.S. 1910 ..... Hoboken, N. J.
Germanics

PLANTZ, ELSIE, A.B. Lawrence 1910 ..... Appleton, Wis.
English, Education

PLATT, ROSETTA FRANCES, A.B. 1910 ..... New York City
Romance, Education

PLAUT, ELSIE, A.B. 1910 ..... New York City
English, History

POFFENBERGER, ALBERT THEODORE, JR., A.M. 1910, A.B. Bucknell 1909 .. Sunbury, Pa.
Psychology, Philosophy

PORTER, CHARLES TALBOT, Ph.B. Yale 1907 ..... Montclair, N. J.
Physics, Civil Engineering

PORTER, GEORGE HENRY, Ph.B. Ohio 1901 ..... New Philadelphia, Ohio
History

PORTER, JOHN, JR., B.S. Amherst 1910 ..... Montclair, N. J.
Sociology

POSLAY, MIRIAM GREENE, A.B. Woman's Coll. Miss. 1889 ..... Columbus, Miss.
Latin, Education, Greek

POST, J. WESLEY, A.B. Syracuse 1910 ..... Phelps, N. Y.
Social Economy

POTEAT, HUBERT MCNEILL, A.B. Wake Forest 1906, A.M. 1908 ... Wake Forest, N. C.
Greek

POWELL, CHILTON LATHAM, A.B. Amherst 1907, A.M. 1908 ..... Baltimore, Md.
English, Comparative Literature

POWELL, H. WHEELER, B.S. C. C. N. Y. ..... New York City
Mathematics

POWELL, THOMAS REED, A.B. Vermont 1900, LL.B. Harvard 1904 .. Burlington, Vt.
Administrative Law

PREVEDEN, FRANCIS ..... Paris, France
Philosophy

PRICE, JULIUS JOSEPH, A.B. Pennsylvania 1908 ..... New York City
Semitics, History

PRICE, WILLIAM RALEIGH, A.B. Cornell 1898 ..... New York City
Romance, German

PRIGOZEN, BERNARD ..... New York City
Mathematics

PRIMOFF, WALTER, A.B. C. C. N. Y. 1901 ..... New York City
Psychology

PUORRO, MICHAEL, B.S. 1909 ..... New York City
Physiology, Chemistry

QUACKENBOS, GEORGE PAYN, A.B. 1900, A.M. 1901 ..... New York City
Latin, Greek, Indo-Iranian

QUACKENBUSH, LEOPOLD SCHUYLER, A.M. 1901, Ph.B. Yale 1899 ..... New York City
Zoölogy, Botany

QUAW, MIGNON M., B.S. Montana 1902 ..... Bozeman, Mont.
English, Education, Music

QUINN, MAY KATHERINE, A.B. 1908 ..... New York City
Economics, History, Philosophy

RABE, LOUIS HENRY WILLIAM, A.B. Concordia 1907 ..... Ossining, N. Y.
Greek, German

RABINOWITZ, SAMUEL ABRAHAM, A.B. Haverford 1910 ..... Philadelphia, Pa.
Philosophy

RAUH, FLORENCE ETHEL, A.B. 1903 ..... New York City
English

RAVITCH, MAX, A.B. Missouri 1909, A.M. Illinois 1910 ..... New York City
English, Romance

RAVITCH, MITCHELL MARCUS, A.B. Praga, Russia, 1901 ..... New York City
Political Economy, Sociology, Constitutional Law

RAY, FREDERICK ..... East Orange, N. J.
Mathematical Physics

RAY, JACKSON HOWELL RANDOLPH, A.B. Emory and Henry 1905 ... Madison Sta., Miss.
Sociology

REDDING, HELEN EDMUNDS, A.M. 1907, A.B. Adelphi 1901 ..... New York City
Latin

REDMOND, DANIEL WALTER, Ph.B. Hamilton 1901 ..... New York City
Economics, Public Law

REE, ENKI ..... Daitotei, Formosa, Japan
Economics

REED, CASS ARTHUR, B.S. Pomona 1906 ..... Whittier, Calif.
Social Economy

REEDER, GRACE AMELIA, A.B. 1910 ..... Hastings-on-Hudson, N. Y.
Social Economy

REETS, HELEN LEES, A.B. Wilson 1910 ..... Wilkes-Barre, Pa.
English, History

REEVES, MARY NELLIE, A.B. N. Y. Normal 1908 ..... White Plains, N. Y.
English

REINITZ, LEONA B., A.B. N. Y. Normal 1910 ..... New York City
English

REISNER, EDWARD HARTMAN, A.B. Yale 1906, A.M. 1909 ..... McConnellsburg, Pa.
Philosophy, Education

REITLINGER, BLANCHE HORTENSE, A.B. 1905, A.M. 1906 ..... New York City
English

REYNOLDS, MABEL MARIE, B.L.S. Illinois 1901 ..... Jacksonport, Wis.
Economics

RIBLET, MARY VARIAN, B.S. 1903, A.M. 1905.....New York City
English

RICE, NANNIE HERNDON, A.B. Woman's Coll. (Miss.) 1905.....Starkville, Miss.
English, Comparative Literature, Education

RICH, DANIEL HOMER, A.B. Illinois 1907.....New York City
English

RICH, HARRY SOLOMON, A.B. C. C. N. Y. 1908.....New York City
English

RICHARDSON, ARTHUR HENRY, A.B. Beloit 1908.....Beloit, Wis.
Sociology, History, Economics

RILEY, MORGAN THOMAS, A.B. Yale 1907.....New York City
History, Political Economy

ROADS, JANE GRACE, A.B. Ohio Wesleyan 1907.....Hillsboro, Ohio
English, Greek

ROBERTS, GEORGE HENRY..... Boston, Mass.
Physics

ROBINSON, ALICE M., A.B. Mt. Holyoke 1895, A.M. 1901.....New York City
Mathematics

ROBINSON, JAMES HOWARD, A.B. Hamline 1908..... New York City
Greek, Latin

ROBISON, AARON, A.B. C. C. N. Y. 1909.....New York City
Semitics, Philosophy, Sociology

ROCHE, JOSEPHINE ASPINWALL, A.M. 1910, A.B. Vassar 1908..... Denver, Col.
Social Economy, History, Economics

ROEDER, EMILIE VON WALZ, Ph.B. Oberlin 1899..... Cleveland, Ohio
German

ROELKEY, DAVID E., A.B. St. John's 1905.....New York City
Bacteriology

ROESSLER, ERWIN WILLIAM EUGENE, A.B. Chicago 1900..... New York City
German

ROSANOFF, LILLIAN, A.B. 1908.....New York City
Chemistry, Physics

ROSE, ANTON RICHARD, B.S. Minnesota 1904.....New York City
Chemistry

ROSEN, ALEXANDER, A.B. C. C. N. Y. 1904..... New York City
Sociology, History

ROSENTHAL, DANIEL, A.B. Syracuse 1906, A.M. Yale 1907..... New York City
Romance

ROSENTHAL, GEORGE J., A.B. 1910.....New York City
Chemistry

ROSENTHAL, JEROME.....New York City
German, English, Philosophy

ROUNDS, DORA MADELINE, A.M. 1910, A.B. Wellesley 1896..... Calais, Me.
English

ROWLAND, HENRY HOSIE, A.B. Harvard 1906.....Detroit, Mich.
Chinese

RUCKER, ROBERT HAMILTON.....New York City
Indo-Iranian, Chinese

RUSHMORE, ELSIE MITCHELL, A.M. 1908, A.B. Vassar 1906.....New York City
History

RUSSELL, ELMER BEECHER, Ph.B. Vermont 1906.....Burlington, Vt.
History, International and Constitutional Law

RYAN, WILL CARSON, JR., A.B. Harvard 1907..... Nutley, N. J.
Germanic, Comparative Literature

SACKETT, NATHAN, Ph.B. Brown 1906.....Providence, R. I.
Mathematics

SAFER, MAXWELL SAMUEL, B.S. C. C. N. Y. 1910.....New York City
Social Economy

SAIDLA, LEO ERVAL, A.B. Wabash 1909.....New York City
Sociology

ST. JOHN, MAY KAVANAGH, A.B. Vassar 1905.....New York City
English

SAIT, UNA BERNARD, A.B. 1909, A.M. 1910.....New York City
Philosophy, Education

SALANT, HENRY, Ph.B. N. Y. Univ. 1895, LL.B. 1898.....New York City
Economics

SALAS, LUIS EMLYNN, B.Sc. London 1904.....New York City
Assaying

SALUTSKY, JACOB B., A.B. Gymnasium Russia.....New York City
Political Economy, Sociology, Constitutional Law

SANDERSON, MARY LOGAN, A.B. Central 1888.....Richmond, Ky.
Education

SANGER, ROBERT CLARK, A.B. Brown 1896, A.M. 1910.....Franklin, N. H.
Social Economy

SARAUW, CHRISTINE ELISE, B.S. 1909, A.M. 1910.....Plainfield, N. J.
Romance

SARAUW, JULIANE MARIE AUGUSTE, B.S. 1910.....New York City
German, Gothic

SAUNDERS, ARTHUR CLEMENT, A.B. St. Stephen's 1901, A.M. 1905...Rhinebeck, N. Y.
Sociology

SAYERS, MAUDE GRUBER, A.B. 1899, A.M. Ohio Wesleyan 1903.....Edison, Ohio
Latin, Education

SCALES, EDNA REBECCA, A.B. 1909.....Jersey City, N. J.
Mathematics

SCHEFTEL, YETTA, A.B. Northwestern 1906, A.M. Chicago 1907.....Chicago, Ill.
Economics, Sociology, Philosophy

SCHLESINGER, ARTHUR MEIER, A.B. Ohio 1910.....Xenia, Ohio
History, Public Law

SCHONBERG, MAX, A.B. 1907.....New York City
History

SCHORER, ARNO ROBERT, A.B. Wisconsin 1906.....New York City
Sociology, Psychology

SCHREITER, HARRIETT AUGUSTA.....New York City
Philosophy

SCHULZ, GUSTAV F., A.M. 1909, B.S. C. C. N. Y. 1907.....New York City
English

SCHWARTZ, FREDERICK WILLIAM, B.S. Rensselaer 1905.....Albany, N. Y.
Chemistry

SCHWARZ, OSIAS L., A.B., B.S., Bucharest 1897.....New York City
Anthropology, Psychology, Education

SCHWARZE, CARL ALOIS, B.S. Missouri 1909.....New York City
Botany, Zoölogy

SCOON, ROBERT MAXWELL.....Geneva, N. Y.
A.B. Hamilton 1907, A.B. Oxford (Eng.) 1910
Philosophy, Psychology

SCRIBNER, FRANK JAY, A.B. Yale 1909.....Wallingford, Vt.
Sociology

SEBBELOV, GERDA.....New York City
Anthropology, Philosophy

SEEL, WILLIAM MOORE, A.B. Temple 1909.....Philadelphia, Pa.
Ethics

SELLECK, ANNE, B.S. 1910, A.B. Bryn Mawr, 1904.....Westport, Conn.
German, English

SELWYN-BROWN, ARTHUR.....New York City
C.E. Univ. Coll. London 1892, A.M. N. Y. Univ. 1904, Ph.D. 1909
Administrative Law

SENIOR, HAROLD DICKINSON, M.B. Durham 1895.....New York City
Biology

SERGENT, NELLIE BARNEY, A.B. Smith 1906.....Cooperstown, N. Y.
English, History

SEVERANCE, GEORGE HENRY, A.B. Middleburg 1908.....Claremont, N. H.
Philosophy

SEVERIN, THERESA, A.B. Wellesley 1909.....Dorchester, Mass.
Social Economy

SHAPINSKY, ALVIN THEODORE, A.B. 1907, A.M. 1909.....New York City
Social Economy

SHAW, AGNES MORTON, A.B. Wellesley 1892..... West Newton, Mass.
English

SHENTON, HERBERT NEWHARD, Ph.B. Dickinson 1906, A.M. 1909....Madison, N. J.
Sociology, History

SHIRES, HENRY HERBERT, M.E. Cornell 1908.....Troy, N. Y.
Sociology

SHOWERS, RALPH W., A.B. Susquehanna 1908.....Penn's Creek, Pa.
Philosophy

SHULTZ, BIRL EARL, A.B. De Pauw 1909.....Harrisville, Ind.
Constitutional Law, History, Education

SILLS, LOUIS EDMUND MCCORKINDALE, A.B. Toronto 1910.....Stephensport, Ky.
History

SIMERAL, ISABEL, Ph.B. Chicago 1905.....Bloomington, Ill.
History, Economics, Sociology

SIMS, NEWELL LEROY, A.M. 1910, A.B. Tri-state Coll. 1901.....Angola, Ind.
Sociology, Economics, Philosophy

SKIDMORE, MARK, A.B. Missouri 1905, A.M. Illinois 1909.....Springfield, Mo.
Romance, Comparative Literature

SKIPP, HENRY JOHN, A.M. 1910, A.B. Denison 1904.....New York City
German, English

SMITH, ALECK AUSTIN, A.B. Cornell Coll. (Iowa).....Blanket, Texas
Anthropology, English

SMITH, EMMA P., A.M. 1909, A.B. Woman's Coll. (Baltimore) 1904...Baltimore, Md.
History

SMITH, FLORENCE MARY, A.M. 1908, A.B. Illinois 1899, A.M. 1905....Albion, N. Y.
English

SMITH, GEDDES, A.B. 1910.....New York City
English, History

SMITH, HORTENSE EUGÉNIE, A.B. Smith 1910 .....Hoboken, N. J.
German, French

SMITH, NELLIE MAY, A.B. Vassar 1898.....New York City
Philosophy, Psychology

SMITH, NOBLE HIRAM, Ph.B. Drake 1910.....Burlington, Iowa
History, Social Economy

SMITH, WILLIAM MACKEY, Ph.B. Lafayette 1903.....Easton, Pa.
Mathematics, Astronomy

SNODGRASS, NELL VAUGHN, A.B. Milligan 1910.....Crossville, Tenn.
English, Comparative Literature, Education

SOLOMON, MICHAEL, A.B. 1907, A.M. 1908.....New York City
Latin

SOWERS, DON C., A.B. Baker 1904 ..... Spring Hill, Kan.
Economics, Sociology, Constitutional Law

SPARKS, CHARLES B. ..... Tuxedo, N. Y.
Semitics

SPIER, DORIS JEANNETTE, A.B. Normal 1910 ..... New York City
Botany

SPORER, JOSEPH LORENZ, B.S. Hobart 1906 ..... Owego, N. Y.
Chemistry

STÄGER, SELDA, A.B. N. Y. Normal 1909 ..... New York City
German

STAIR, BIRD WILLIAMS, B.S. Purdue 1899, M.S. 1901 ..... New York City
English

STANTON, BESSIE, A.B. Adelphi 1907 ..... New York City
English

STAUB, MARTHA HAZEL, A.B. Indiana 1908 ..... Fort Wayne, Ind.
English

STAUFFER, MILTON THEOBALD, A.B. Princeton 1910 ..... Lyons, N. Y.
Sociology

STEIN, NADINE, A.B. N. Y. Normal 1910 ..... New York City
Philosophy, English, Sociology

STEPHEN, WALTER MITCHELL, B.S. Washington State 1907 ..... Seattle, Wash.
Mining, Geology

STERN, LEON ..... Philadelphia, Pa.
Social Economy

STEVENS, CECIL GARDNER ..... Coaticook, Quebec, Can.
A.B. Bishop's 1908, L.S.T. Quebec 1910
History

STEVENS, JUNIUS WOODS, Ph.B. Syracuse 1895 ..... Bloomfield, N. J.
English

STEVENS, WILLIAM BERTRAND, B.D. Epis. Theol. 1910 ..... New York City
History, Philosophy

STOLPE, EINAR RUBEUN SIGVÅLD, A.B. Upsala 1910 ..... New York City
Public Law, Jurisprudence, Economics

STOWELL, RUTH KATE, A.B. 1909 ..... New York City
English

STRAIGHT, GRACE CLARK, A.B. Vassar 1897 ..... Bradford, Pa.
History, Education

STRATFORD, ALINE CROQUET, A.B. 1897, A.M. 1899 ..... New York City
English

STREET, LUCY JANE, A.B. Randolph-Macon 1908 ..... La Fayette, Ga.
History, English

STREIGHTOFF, FRANK HATCH, A.B. Wesleyan 1909, A.M. 1910 ..... New York City
Economics, Sociology, Constitutional Law

STRERETH, PAUL ANTON, A.B. St. Louis ..... New York City
Bacteriology

STREUBEL, ERNEST J., A.B. Brooklyn Poly. 1905, A.M. 1906 ..... New York City
English

STRONG, EDWARD KELLOGG, B.S. California 1906 ..... San Francisco, Cal.
Psychology, Education

STRYKER, KATHERINE TRUAX ..... New York City
Romance

STUBBS, JESSIE HARDY ..... New York City
Social Economy

STUNTZ, CLYDE BRONSON, A.B. Wesleyan 1910 ..... Madison, N. J.
History, Sanskrit

SUFFERN, ARTHUR ELLIOTT, B.S. 1909, A.M. 1910.....Corning, N. Y.
Economics, Sociology, History

SURREY, NANCY MARIA MILLER.....New York City
B.S. Chicago 1903, A.M. Wisconsin 1909
History

SWAN, HERBERT SIEGFRIED, Ph.B. Chicago 1910.....Sioux City, Iowa
Constitutional Law, History

SWEET, ANNIE BROWN, A.B. Washburn 1905.....Topeka, Kan.
Social Economy

TALLANT, JOHN DRURY, E.M. 1910.....San Francisco, Calif.
Geology, Metallurgy

TANZER, HELEN H., A.B. 1903..... New York City
Latin, Greek

TARNEY, JOSEPH BYRON, A.B. Indiana 1902.....Auburn, Ind.
Philosophy

TASKER, HATTIE BELLE MILLS, A.B. Toronto 1897, A.M. 1899..... Yonkers, N. Y.
Comparative Literature

TAUSSIG, EDITH ELEANOR, A.B. Wellesley 1910.....Yonkers, N. Y.
Philosophy

TAYLOR, ANNIE MAY, A.B. Smith 1892.....Mamaroneck, N. Y.
History

TAYLOR, ELBERT B., A.B. Trinity 1873.....Bayonne, N. J.
Sociology

TAYLOR, RUPERT, A.B. Arkansas 1903, A.M. 1906.....Corning, Ark.
English

THOMAS, J. FRANKLIN, A.B. Beloit 1904.....New York City
Sociology, Economics, Constitutional Law

THOMASON, JOHN FURMAN, A.B. Furman 1903.....Laurens, S. C.
History, Economics

THOMPSON, ALICE RANNEY, B.S. California 1906.....New York City
Chemistry

THOMPSON, CHARLES DEDERER, JR., A.B. Princeton 1905.....Jersey City, N. J.
Economics, Sociology, Psychology

THOMSON, SEARS, A.B. Minnesota 1909.....Minneapolis, Minn.
Social Economy

THORPE, EDWARD OLE, A.B. Williams 1903.....Concord, Mass.
Latin

TINK, ALBERT EDWARD, A.B. Northwestern 1910.....Brooklin, Ont., Can.
Sociology

TODD, JOHN ROBINSON, A.B. Dickinson 1887, A.M. 1890.....Aberdeen, Md.
History

TODD, JOHN WELHOFF, A.B. Indiana 1905, A.M. 1910.....Vernon, Ind.
Psychology, Philosophy

TOMKIES, CHARLES DOSWELL, A.B. 1902, A.M. 1904, A.B. Tulane 1901..Dallas, Tex.
English, Education

TOMPKINS, ELIZABETH MARIE, A.B. Vassar 1899.....Poughkeepsie, N. Y.
Zoölogy, Education

TOMPKINS, NANNA M., A.M. 1907, A.B. Vassar 1894.....Poughkeepsie, N. Y.
History, Sociology

TOPP, EMILY, A.B. Normal 1909.....New York City
Zoölogy

TRAITEL, LOUISE, A.B. 1908.....New York City
Zoölogy

TRAVIS, GRACE, A.B. Mt. Holyoke 1910.....New York City
History, Economics

TREDWELL, ELIZABETH ALDEN SEABURY, A.B. 1908, A.M. 1909.....New York City
Economics

TRESSLER, JACOB CLOYD, A.B. Syracuse 1906.....Newport, Pa.
English

TROTTIER, THÉOPHILE, B.S. 1910.....New York City
Romance

TRUAX, RARAUD HAWLEY, A.B. Hamilton 1909.....New York City
Philosophy, Jurisprudence

TRUESDELL, WALDO BROMLEY, A.B. Harvard 1897.....Wilton, Me.
Mathematics

TSAI, KUO TSAO, M.E. Cornell 1909.....Tientsin, China
Electrical Engineering, Mineralogy, Geology

TSAI, YUAN TZE, B.S. Mass Inst. Tech. 1910.....Huchow, China
Mining, Electrical Engineering, Mechanical Engineering

TSU, ANDREW YU-YUE, A.M. 1910, A.B. St. John's (Shanghai) 1907..Shanghai, China
Sociology, Philosophy

TUFTS, ANNE BLANCHARD, A.B. Radcliffe 1909.....White Plains, N. Y.
English

TYNAN, JOSEPH LAWRENCE, A.B. C. C. N. Y. 1901, A.M. 1907.....New York City
English

TYSON, LEVERING, A.B. Gettysburg 1910.....Reading, Pa.
Economics, Sociology, Constitutional Law

UELAND, ELSA, A.B. Minnesota 1909.....Minneapolis, Minn.
Economics, Sociology

ULRICH, FRED, A.B. Washburn 1910.....Topeka, Kan.
Sociology, French

UNDERHILL, RUTH MURRAY, A.B. Vassar 1905.....Ossining, N. Y.
Comparative Literature, English

UNWERTH, FRIDA VON, Ph.B. Chicago 1903.....New York City
English

VALENTINE, JULIET ESTELLE, A.B. Smith 1910.....Coldspring Harbor, N. Y.
History

VAN ARSDALE, HESTER ANNE, A.B. Vassar 1910.....Newark, N. J.
History, Sociology

VAN BUSKIRK, EDGAR FLANDREAU, A.B. Rochester 1907.....New York City
Physiology, Education, Bacteriology

VANCE, CATHERINE STUART, Ph.B. Wooster 1907.....Wooster, Ohio
English, Economics

VANDER MEULEN, JOHN M., A.B. Hope 1891.....New York City
Philosophy, Psychology

VAN DEVENTER, GLADYS REMSEN, A.B. Smith 1910.....New York City
Latin, Education

VAN WERT, SUSAN EVENS, A.B. Cornell 1898.....New York City
Greek, Latin

VARNEY, CORA CHARLOTTE, B.S. Mt. Union 1895.....Iowa City, Iowa
Social Economy

VAUGHAN, JAMES ANDREW, A.B. Elon 1908.....Franklin, Va.
Sociology

VENNUM, STELLA, A.B. Doane 1904.....Stratton, Neb.
Latin, Education

VICKERS, LESLIE, A.B. Sydney 1908, A.M. Glasgow 1910.....New York City
Economics, Sociology, History

VIMONT, LOUISE LÉONIE, A.M. 1910, A.B. Adelphi 1909.....New York City
Romance, Spanish

VITAL, JOSEPH.....Yonkers, N. Y.
Philosophy, Latin, Psychology

VOSE, CAROLINE ELIZA, A.B. Wellesley 1910 ..... Portland, Me.
English, German

WADE, EDWIN CHARLES, A.B. Hampden-Sidney 1907 ..... Farmville, Va.
History, Economics

WAITE, ELIZABETH RICHARDSON, A.B. Wellesley 1895 ..... Passaic, N. J.
German, English

WAKEFIELD, ARTHUR, A.B., A.M. Brown 1901 ..... Providence, R. I.
English

WALDSTEIN, ABRAHAM SOLOMON, A.B. Harvard 1906 ..... New York City
Semitics, Sociology

WALKER, EMMA, A.B. Adelphi 1909 ..... New York City
Sociology

WALKER, JENNIE, A.B. Adelphi 1909 ..... New York City
English, Comparative Literature

WARNER, FREDERICA, Ph.B. Rochester 1909 ..... Rochester, N. Y.
English, Education

WARNER, JAY ODELL, Ph.B. Wooster 1906 ..... Madison, N. J.
Sociology, History

WARRINGTON, EVERETT FRANKLIN, A.B. Delaware 1907 ..... Georgetown, Del.
Constitutional Law

WATERHOUSE, EDITH NORMA, A.B. Emory and Henry 1907 ..... Emory, Va.
English, Philosophy, German

WATKINSON, GRACE BLAIR ..... Hartford, Conn.
A.B. Smith 1902, A.M. 1905, Ph.D. Zürich 1908
Zoölogy

WATSON, ESTHER JOSEPHINE, A.B. Smith 1882, A.M. Cornell 1883 .. Greenfield, Mass.
Germanic

WATSON, ROBERT ANDERSON, A.B. Dalhousie 1907, A.M. 1910 ..... New York City
Philosophy, Sociology

WATTS, HENRY F., A.B. Washburn 1908 ..... Alma, Kan.
Sociology

WEAGLE, JAMES ALBERT, A.B. King's (N. S.) 1905 ..... Norwood, N. J.
Philosophy

WEBER, CHARLES E., M.D. Bellevue 1908 ..... New York City
Chemistry, Biology, Pathology

WEBSTER, CHARLES HERBERT, B.A. Southern 1904 ..... La Pine, Ala.
English, Philosophy

WEED, INIS HARRIET, A.B. Michigan 1904 ..... Schoolcraft, Mich.
Sociology, Social Economy, English

WEISMAN, CHARLES, B.S. C. C. N. Y. 1900, M.S. N. Y. Univ. 1902 ..... New York City
Chemistry, Education

WEIST, OLIVER CLYDE, A.B. Ohio 1910 ..... Basil, Ohio
Sociology, Social Economy

WELLINGTON, ELIZABETH ELLIOTT, A.B. Vassar 1901 ..... Bronxville, N. Y.
English, Comparative Literature

WELLS, CLARA, A.B. Normal 1909 ..... New York City
Physics, Astronomy, Mathematics

WELLS, LIDA, A.B. Vassar 1909 ..... New York City
English

WEN, CHING YU, B.S. Mass. Inst. Tech. 1908, M.S. 1909 ..... Kwangtung, China
Metallurgy, Chemistry

WESTON, ARTHUR JAMES, A.B. Lehigh 1904, A.M. Yale 1905 ..... Scranton, Pa.
English

WHICHER, GEORGE F., A.B. Amherst 1910 ..... Middle Haddam, Conn.
English, Comparative Literature

WHITE, ALVIN LINCOLN, A.B. Bethany 1886 ..... Wheeling, W. Va.
Civil Engineering, Geology

WHITE, GOODRICH COOK, A.B. Emory 1908 ..... Nashville, Tenn.
Philosophy, Psychology, English, Comparative Literature

WHITE, HELEN BEARSLEY CROMWELL, A.B. Allegheny 1909 ..... Bradford, Pa.
Geology, Botany

WHITFORD, EDWARD EVERETT, A.B. Colgate 1886, A.M. 1890 ..... New York City
Mathematics

WICKHAM, JOSEPH F., A.M. 1908, A.B. Holy Cross 1904 ..... South Lee, Mass.
English

WIEN, FRANCIS, A.B. C. C. N. Y. 1900 ..... New York City
Romance, History

WIENER, SARA ..... New York City
Social Economy

WIKANDER, ELIN, A.B. N. Y. Normal 1904, B.S. N. Y. Univ. 1907 ..... New York City
German

WILCOX, HELEN CHAPMAN, A.B. Vassar 1908 ..... Mount Vernon, N. Y.
English, Education

WILFORD, HERBERT EDWIN, A.B. Michigan 1892 ..... Elmhurst, N. Y.
Latin

WILLARD, MARY ADELINE, A.B. Knox 1904 ..... Galesburg, Ill.
History, Economics

WILLIAMS, BLANCHE COLTON, A.B. Woman's Coll. (Miss.) 1898 ..... New York City
English

WILLIAMS, PELAGIUS, A.B. Emporia 1902, A.M. Chicago 1908 ..... Emporia, Kan.
History, Education

WILLIAMS, TRASK BACKUS, A.B. Harvard 1884, A.M. LL.B. 1891 ..... Hartford, Conn.
Social Economy

WILLIAMS, WINWORTH, A.B. Drake 1904 ..... New York City
History, Constitutional Law

WILSON, MARTHA MCINTIRE, Ph.B. 1894 ..... Bradford, Pa.
English

WILTON, ROLLO LINSMORE DE, A.B. 1910 ..... Hornell, N. Y.
English, Comparative Literature

WINSLOW, ADAH, A.M. Va. Wesleyan 1894 ..... Atlanta, Ga.
Latin, Education, History

WIRTH, CHARLES A., A.B. C. C. N. Y. 1908 ..... New York City
Physiology, Zoölogy

WISCHKAEMPER, HENRY, A.B. Wartburg 1906 ..... New York City
Economics, History

WISE, LOUIS ELSBERG, A.B. 1907 ..... New York City
Chemistry

WOMACK, MARY DOUGLAS, B.S. Adelphi 1899 ..... New York City
Botany

WOODBURY, WALTER BLIGH, A.B. 1908, A.M. 1909 ..... Oneida, N. Y.
Romance

WOODELTON, MARY RUTH, A.B. Vassar 1908 ..... New York City
English

WORD, MARY MORTON, A.B. Chicago 1905, A.M. Radcliffe 1906 .... Eastport, Me.
English, Romance

WYCKOFF, GARRET POLHEMUS, A.B. Iowa 1894 ..... Grinnell, Iowa
Social Economy

YAMAKAMA, YOSHIHIRO, A.B. Kwansei 1908 ..... Osaka, Japan
Economics, Sociology, Constitutional Law

YANAGISAWA, TAIJI, A.M. 1910, A.B. Waseda 1900 ..... Tokio, Japan
Sociology, Philosophy

YEN, HAWKLING LUGINE, A.M. 1909, A.B. St. John's (Shanghai)..Chekiang, China
Chinese, International Law
YEUNG, FONG, A.B. Richmond 1909.....New York City
International Law, Economics
YOUNG, ESTHER VICTORIA, A.B. N. Y. Normal 1909.....New York City
English
YOUNG, IN, Ph.B. Yale 1908, E.M. Lehigh 1910.....Canton, China
Geology, Mining
ZAHNISER, WALTER VERNE, Ph.B. Grove City 1906.....Mercer, Pa.
English
VON ZELLEN, OLGA OLIVE, A.B. Michigan 1905.....Marquette, Mich.
English
ZIEGLER, FREDERICK JACOB, A.B. Harvard 1908.....New York City
English
ZINSSER, RUDOLPH, A.B. Princeton 1910.....New York City
Chemistry
ZONS, FREDERICK WILLIAM, A.B. 1907, A.M. 1909.....New York City
Chemistry, Physics

In addition to the above 949 candidates for the degree of Master of Arts or Doctor of Philosophy, 228 are registered under the Faculty of Philosophy with education as their major subject. The names of these candidates appear in the list of graduate students under Teachers College. (See page 360.)

SUMMARY

STUDENTS PRIMARILY REGISTERED UNDER THESE FACULTIES	1177
STUDENTS FROM OTHER FACULTIES OF THE UNIVERSITY, CANDIDATES FOR THE DEGREE OF A.M., LL.M., OR PH.D.:	
From the School of Law	32
From the Schools of Mines, Engineering, and Chemistry	3
From the School of Medicine	12
Grand Total	1224

323 students matriculated under the faculties of Political Science, Philosophy, or Pure Science attended the summer session of 1910, but did not register for the first term of the academic year 1910–11.

FACULTY OF FINE ARTS

SCHOOLS OF ARCHITECTURE, MUSIC, AND DESIGN

The Faculty

President BUTLER
Professor HAMLIN
Professor SHERMAN
Professor WHEELER
Professor YOUNG
Professor FARNSWORTH
Professor HIRTH
Professor SPINGARN
Professor OLCOTT
[1] Professor FLETCHER
Professor RÜBNER
Professor DOW
Professor SHOTWELL
Professor HASTINGS
Mr. ROBINSON
Professor COX
Professor FRENCH
Mr. SMITH
Professor WARREN
Mr. ALEXANDER
Professor MASON

Officers of the Faculty

Professor WHEELER.....*Dean and ex-officio Member of the University Council*
Professor SHOTWELL.....*Secretary*
Professor HAMLIN (Term expires 1911).....*Elected Delegate to the University Council*

Standing Committees

ON THE PROGRAM OF STUDIES: The Acting Dean (Chairman); Professors Hamlin, Dow
ON ADMISSIONS: Professor Hamlin (Chairman).
ON SCHOLARSHIPS: The Acting Dean (Chairman); Professors Sherman and Rübner

General Statement

The Faculty of Fine Arts, established March 5, 1906, comprises three separately organized schools, of Architecture, of Music, and of Design. Work in Architecture and in Music has been carried on at the University, in the former subject about thirty and in the latter about fifteen years. On the other hand, until 1906, there was no attempt to make any systematic provision for the needs of university students who seek opportunities in the study of painting, sculpture, and decoration,

[1] Absent on leave second half-year.

and it is by the creation of a School of Design in co-operation with the National Academy of Design that the University hopes in time to afford such opportunities. The establishment of this new School, as yet only tentative in its organization, was made possible by an agreement between the Academy and the University on January 12, 1906. By such agreement the Art Schools of the Academy became closely associated with the University. They remain, however, entirely under the direction of the Academy, which preserves the independence secured to it by its own separate corporate existence.

Neither the University nor the Academy has at present at its disposal adequate resources to develop a complete system of instruction in the School of Design. A beginning, however, as set forth below (p. 326), has been made, and the University looks forward to the possibility of an adequate equipment for the new School.

For details as to the advantages which the city of New York offers outside of the University and the Academy for the study of the fine arts, and as to the public lectures, exhibitions, and recitals maintained by the University in addition to the regular academic program, the separately printed *Announcement of the Faculty of Fine Arts* should be consulted.

Admission

Except by special action of the Committee on Admissions, students under eighteen are not admitted. For regulations for admission for the certificate of proficiency see page 173, and for the regulations for the course for the Bachelor's degree in Architecture, see page 321; for that of Bachelor in Music, see page 326.

To Advanced Standing

Students desiring credit for courses pursued elsewhere must file a written application with the chairman of the Committee on Admissions on or before September 11, 1911, to reach him at least sixteen days before the University opens. The general regulations as to documents to be submitted and as to the acceptance of certificates are the same as for the Schools of Mines, Engineering, and Chemistry (see page 245).

Non-matriculated Students

The Committee on Admissions may admit students of mature age who are not candidates for a degree or certificate to such courses as they may be qualified to pursue. The qualifications necessary for admission as a non-matriculated student are:

In Architecture, in addition to three or more years of office-experience or its equivalent, a practical knowledge of architectural drawing of

the five orders, and of shades and shadows, is required for the course in Architectural Design, and mathematics through plane trigonometry for the Mathematical and Architectural Engineering branches.

In Music, proficiency is determined by personal conference with some officer of the School.

In Design, students in the National Academy of Design and such other persons as have had adequate training and experience either in the history and theory or in the practice of the fine arts are admitted under this provision.

Non-matriculated students will be permitted to matriculate at any time upon fulfilling the stated entrance requirements, or they may be excused from these requirements by vote of the Faculty, if their work has shown marked excellence.

Fees

(See page 39)

Fellowships and Scholarships

(See page 434)

Examinations

Regular examinations in each course are held at the end of each half-year. All other examinations, except examinations for admission to advanced standing, are special examinations, for which the statutory fee of $5 is charged (see page 39). The dates of such examinations for students debarred or deficient at the regular examinations will be found in the academic calendar. Absence from any regular or delinquent examination for which a student is registered is regarded as a failure.

SCHOOL OF ARCHITECTURE

General Statement

The School of Architecture of Columbia University is a professional school, designed to train its graduates for the active practice of architecture. Founded in 1881, under the direction of Professor William R. Ware, as a department of the School of Mines (now the Faculty of Applied Science), it was in 1902 made an independent School, and in 1906 placed under the Faculty of Fine Arts. There are two regular courses in Architecture, one leading to the degree of Bachelor of Architecture, and the other leading to a Professional Certificate in Architecture.

Equipment

The equipment of the School consists of about 18,000 photographs

and 800 books, chiefly the gift of F. A. Schermerhorn '68 S; a classified library of many thousands of prints and plates; a collection of manuscript drawings from the École des Beaux-Arts and other sources; about 9000 lantern-slides of architectural subjects; a collection of casts of architectural details, including a large number from ancient and modern Roman buildings, the gift of the late Charles Follen McKim; and an architectural museum containing a collection of models, building stones, tools, and materials. The Avery Architectural Library of 18,000 volumes is the richest collection of works on architecture and allied arts in the country.

Lectures to students of architecture on scientific subjects allied to architecture are given in the Department of Physics, and the laboratories of the Schools of Engineering offer unexcelled opportunities to advanced students in architectural engineering.

The Willard collection of architectural casts and models in the Metropolitan Museum of Art is open to students every day and two evenings in the week. Buildings and building operations of great value and interest are always within reach, and visits and excursions during the second half of each year furnish specific opportunities for profiting by them.

Admission

(For general regulations see page 173)

To Candidacy for the Degree of Bachelor of Architecture

Candidates must have completed the equivalent of two years of study in some recognized college or scientific school including elementary French. Some time may be saved by the anticipation of courses in mathematics; but professional courses in architecture may not be counted a part of such study.

Candidates must also show a practical knowledge of the orders of architecture, of the elements of architectural rendering, and of free-hand drawing.

To the Course for the Certificate

(See page 173)

Students from Other Institutions

Male students of any incorporated school of art in New York City and duly accredited students from the *ateliers* of the Society of Beaux-Arts Architects of this city may be admitted to certain courses upon payment of the prescribed fees.

Program of Studies

For the Degree of Bachelor of Architecture

The course outlined below is of indeterminate duration. Students of fair ability and thorough preparation should be able to complete it in four years.

For a short statement of the scope of the following courses see pages 57–173.

		POINTS
1	History of Architecture (A. 21, 22, 23, 24, 25, 26)	12
	History of Ornament (A. 31, 32, 33, 34, 35, 36)	6
	Archæology in French and German (A. 41–42, 43–44)	8
	Research (24*a*, 26*a*)	4
2	Mathematics (3–4, 5)	11
	Mechanics (Math. Physics 2)	3
	Architectural Engineering (A. 17–18)	9
3	Specifications (A. 11–12)	9
	Building Materials (A. 13–14)	4
4	Shades and Shadows (A. 5)	4
	Perspective (A. 6)	3
	Descriptive Geometry (A. 7–8)	7
	Stereotomy (A. 10)	2
5	Architectural Drawing (A. 3)	2
	Elementary Drawing (A. 71–72)	3
	Water Colors, Modelling (A. 73–74)	3
	Advanced Drawing (A. 75–76, 177–178)	7
6	Theory of Design (A. 51–52, 53, 54, 55)	7
	Elements of Architecture (A. 1)	2
	Applied Elements (A. 2)	2
	Elementary and Intermediate Design (A. 61–62, 63–64)	18
	Advanced Design (A. 161–162)	15
	Thesis (A. 164)	4
	Advanced Research (A. 128*a*)	2
	Summer Work (A. 74, 74*a*, 76*a*)	6
	Total points required	153

The mathematical subjects and the three grades of Design must be taken in the prescribed sequence, and Advanced Drawing presupposes the more elementary branches. No student may take Advanced Design until he has completed 58 specified points (for details see the *Announcement*).

For the Certificate in Architecture

This course is intended to qualify the holder for general practice, and for registry under the Architects' License Laws of Illinois, New Jersey, and California. It omits the greater part of the mathematical

studies and applied mechanics required of candidates for the degree, but includes simplified courses in Graphical Statics and Elementary Engineering in their stead, and optional courses in Analytical Geometry and the Calculus, with special reference to graphical methods and their usefulness in mechanics and engineering.

		POINTS
1	History of Mediæval and Modern Architecture (A. 23, 24, 25, 26)	8
	History of Ornament (A. 31, 32, 33, 34, 35, 36)	6
	Research (24*a*, 26*a*)	4
2	Elementary Structural Design (A. 15–16)	7
3	Specifications (A. 11–12)	9
	Building Materials (A. 13–14)	4
4	Shades and Shadows (A. 5)	4
	Perspective (A. 6)	3
	Descriptive Geometry (A. 7–8)	7
	Streotomy (A. 10)	2
5	Architectural Drawing (A. 3)	2
	Elementary Drawing (A. 71–72)	3
	Water Colors, Modelling (A. 73–74)	3
	Advanced Drawing (A. 75–76, 177–178)	4
6	Theory of Design (A. 51–52, 53, 54, 55)	7
	Elements of Architecture (A. 1)	2
	Applied Elements (A. 2)	4
	Elementary and Intermediate Design (A. 61–62, 63–64)	18
	Advanced Design (A. 161–162)	18
	Thesis (A. 164)	4
	Advanced Research (A. 128*a*)	2
	Summer Work (A. 72*a*, 74*a*)	4

And in addition, to be selected from the following:

	Ancient Architectural History (A. 21, 22)	4
	Archæology in French and German (A. 41–42, 43–44)	
	Design (additional)	
	Drawing (additional)	

Total points required 129

The regulations as to the order and combination are the same as for the candidates for the degree, except that only 52 points are required as prerequisite to Advanced Design.

Architectural Engineering

In view of the increasing importance of engineering training in certain classes of architectural work, adequate courses of instruction are provided for those who desire to specialize in this direction.

Such a group of courses is scheduled below, and may be pursued by any student who has completed the prerequisites for each course, and has acquired not less than 6 points in Intermediate Design (except for courses *a* and *b* under A. 113–114, and *f* under A. 117–118 which may be taken upon the completion of Elementary Design). The entire curriculum for the degree for students electing this group is as follows:

		POINTS
1	History of Mediæval and Modern Architecture (A. **23, 24, 25, 26**)	8
	History of Ornament (A. **31, 32, 33, 34, 35, 36**)	6
2	Mathematics (Math. **3–4, 5**)	11
	Mechanics (Math. Physics **21**)	3
	Architectural Engineering (A. **17–18**)	9
3	Specifications (A. **11–12**)	9
	Building Materials (A. **13–14**)	4
4	Shades and Shadows (A. **5**)	4
	Perspective (A. **6**)	3
	Descriptive Geometry (A. **7–8**)	7
	Stereotomy (A. **10**)	2
5	Architectural Drawing (A. **3**)	2
	Elementary Drawing (A. **71–72**)	3
	Water Colors, Modelling (A. **73, 74**)	3
6	Theory of Design (A. **51, 52**)	4
	Elements of Architecture (A. **1**)	2
	Applied Elements (A. **2**)	4
	Elementary and Intermediate Design (A. **61–62, 63–64**)	15
7	Advanced Practice and Architectural Engineering (A. **113–114, 117–118**)	48
	Summer Work (A. **72***a*, **74***a*, **76***a*)	6
	Total points required	153

Courses in Landscape Architecture

The Faculty of Fine Arts has authorized the establishment of a professional course in Landscape Design, under the School of Architecture, to lead to a Professional Certificate. A part of the instruction, including that in the elements of design, architectural history and theory, and architectural graphics and drawing, will be given in the School of Architecture; the more distinctly engineering instruction, with the mathematics, botany, dendrology, etc., will be given in the departments of mathematics and civil engineering; and the history, theory, and design of landscape art will be taught by experts under the auspices and by the co-operation of the American Society of Landscape Architects.

Graduate Courses

The courses in Advanced Design in combination with Advanced Drawing, in Graduate Design, in Advanced Engineering and Practice, and in Graduate Engineering and Practice, are accepted each as a major subject for the degree of Master of Arts. The graduate courses above specified are also each accepted as a major for the degree of Doctor of Philosophy.

Graduate Research is accepted as a minor subject for the degrees of Master of Arts and of Doctor of Philosophy. In all cases, however, one of the two minor subjects required for a higher degree must be taken under one of the graduate faculties of Political Science, Philosophy, or Pure Science. For information regarding the regulations governing these degrees and the selection of courses under these faculties, application should be made to the Secretary of the University.

Graduates of this School, and of other schools of architecture of like standing, who have had not less than one year of resident study in Columbia University, may pursue their studies in Advanced Design and Research in foreign schools of architecture, as candidates for the higher degrees in Columbia University, upon programs issued by this School.

SCHOOL OF MUSIC

General Statement

The Department of Music was established May 4, 1896, by means of the Robert Center Fund for Instruction in Music, an endowment presented to the University by the mother of the late Robert Center.

In 1906 a School of Music was established including both the department above mentioned and the department which had been developed independently in Teachers College.

The aim of the instruction is to treat music historically and æsthetically, as an element of liberal culture; to teach it scientifically and technically, with a view to training musicians who shall be competent to teach and to compose; to afford practical training of the ear by means of rhythmic, melodic, and harmonic dictation; and to provide practical training in choral and orchestral music. The several courses have reference to the needs of the undergraduate, to those of the university student wishing to specialize in music, and to those of students who are candidates neither for a degree nor for a Certificate of Proficiency. Performances of orchestral and choral music by the various organizations under the direction of the School of Music are provided, from time to time, for the members and friends of the University. There is, also, an annual concert of original compositions by students in the school. In addition, many public lectures, recitals, and concerts of various kinds are held.

Equipment

See p. 135

Admission

For the general regulations governing all students under the Faculty of Fine Arts see page 173.

To Candidacy for the Degree of Bachelor of Music

The requirements for admission to the course leading to the degree of Bachelor of Music are: (1) The completion of courses of study in Columbia College or Barnard College, amounting to a credit of 62 points (substantially, two years' undergraduate study), or of their equivalent elsewhere; (2) the ability to play, on the pianoforte, the Two-Part Inventions of Bach.

To Candidacy for the Certificate of Proficiency

(See page 173)

Program of Studies

The candidate for the degree of Bachelor of Music is required to pursue courses of study aggregating, at least, 75 points, as follows:

a (prescribed). All the courses in composition and criticism offered by the School of Music; a year's course in each of the following: language, literature, history, and the fine arts other than Music.

b (elective). Other courses offered in the University, for which the student has the necessary prerequisite, especially courses in musical performance, æsthetics, physics, or psychology.

The candidate is further required to produce a satisfactory original composition for orchestra or with orchestral accompaniment, and to submit an essay on a musical subject.

The candidate for the Certificate of Proficiency is required to fulfil the same requirements as are demanded in the course leading to the degree of Bachelor of Music (see above), except that only fifty points of credit are required. The same requirement is made with regard to the original composition and the thesis as in the case of a candidate for the degree of Bachelor of Music.

SCHOOL OF DESIGN

The School of Design offers opportunities for the practical and for the historical study of painting, sculpture, and decoration. The practical work may be taken in connection with courses offered by the National Academy of Design and by Teachers College. Certain courses in the

School of Architecture are also available. The historical study of art, which is not yet fully organized, may be had in connection with reading courses in the Avery Library and with certain courses offered by different departments under the Faculty of Philosophy. No degree is at present awarded by the University in the School of Design, but students may receive a certificate upon the completion of a satisfactory course of study. This course should normally occupy the student for about three years and will be adjusted to his individual needs.

Admission

For the general regulations as to admission see page 173.

Program of Studies for the Certificate of Proficiency

This course is intended to give the student, first, a broad outlook upon the whole field of the fine arts, by an outline study of the theory, criticism, and history of the arts in general; secondly, a more detailed acquaintance with the history and principles of the particular branch of the fine arts in which the student elects to specialize; and, thirdly, a sufficient amount and variety of technical training to qualify him to pursue with success the particular branch of art which he has elected, besides giving him some experience and understanding of the technical processes and methods of expression of other forms of art. It should be possible to complete the work for the certificate in about three years. One hundred and fifteen points are required for the certificate. Of these, 47 are assigned to prescribed courses, from 10 to 25 to elective courses, and the balance to work in the studio. Courses whose numbers are prefixed with the initials N. A. are given by the National Academy of Design; T. C. indicates that the course is given in Teachers College. Detailed information as to these courses will be found in the separately printed *Announcement of the Faculty of Fine Arts.*

Prescribed Courses

	POINTS
Principles and Problems of Æsthetics (Philosophy 142)	3
General Course, Theory of Fine Arts (N. A. 1)	1
Art Appreciation and History (T. C., Fine Arts 53–54)	4
Principles of Design (T. C., Fine Arts 5–6)	10
Clay Modelling (T. C., Fine Arts 11–12)	4
Painting and Illustration (T. C., Fine Arts 9–10)	10
(Or its equivalent in the National Academy of Design)	
History of Art, Collateral Reading and Research (Fine Arts 1–2)	4

History of Art, Advanced Reading and Research (Fine Arts 101–102) 8
Pictorial Perspective (N. A. 5–6) 2
Artistic Anatomy (N. A. 7–8) 2

48

Elective Courses

Starred courses are prescribed for students taking the course in Decoration, and are given in the School of Architecture.

	POINTS
*Elements of Architecture (1)	2
Ancient Architectural History (21–22)	6
Mediæval Architectural History (23–24)	4
Modern Architectural History (25–26)	4
*Ancient Ornament (31–32)	2
Mediæval Ornament (33–34)	2
*Modern Ornament (35–36)	2
Theory of Planning and Composition (51–52)	2
*Theory of Decorative Arts (53)	1
*Theory of Color (54)	1
*Graphics (5) (Projections, Shades and Shadows)	3
*Architectural Perspective (6)	3
Archæology in French (41–42)	4
Design (T. C., F. A. 17–18)	6
Advanced Design and House Decoration (T. C., F. A. 19–20)	6
General Musical Course (Music 1–2)	2
Analysis of Musical Sound (Music 5–6)	2
Musical Art (T. C., Music 7–8)	2
Chinese Civilization (Chinese 11)	2
Greek Vases and Painting (Greek 151–152)	4
Greek Sculpture (Greek 153–154)	4
Elements of Greek Archæology (Greek 149–150)	4
Introduction to European Literature (Comparative Literature 1–2)	6
The Renaissance in Europe (Comparative Literature 101–102)	4
The Romantic movement in Europe (Comparative Literature 105–106)	4
Archæology (in French) (41–42)	4

Studio Work

The candidate for the Certificate is further required to do work in the

studio by which he may obtain a credit of 43 to 58 points, in addition to any studio work accompanying prescribed courses.

	POINTS
Elementary Draftsmanship. (Proficiency in the elementary technique of the pencil, charcoal, and brush, in black-and-white and color.)	4– 4
Elementary Oil Painting or Modelling. (Drawing and painting from still-life are included under the above two headings.)	2– 4
Drawing from the antique	6– 8
Drawing from nature and from life. (Including landscape, animals, and figures.)	8–10
Advanced painting from landscape and from life	10–14
Advanced modelling from life	
Advanced decorative work from nature	
Advanced composition (additional to prescribed course on page 322). (Separately in Painting, Sculpture, and Decoration.)	5– 8
Original Design, Advanced. (Original work on specified programs, in Painting, Sculpture, and Decoration, with final thesis-exercise accompanied by dissertation.)	10–12
	45–60

REGISTER OF STUDENTS

School of Architecture

CANDIDATES FOR DEGREE

ACKER, JESSE ..... New York City
ALLEN, GEORGE MARCUS, B.S. Univ. of Utah ..... Salt Lake City, Utah
ALMAND, JOHN PARKS, B.S. Emory College ..... Lithonia, Ga.
BARNWELL, CLERMONT LIVINGSTON, A.B. Harvard 1910 ..... Tuxedo Park, N. Y.
BOOKWALTER, JOSEPH S ..... Minneapolis, Minn.
BOYD, BYRON BENNETT, A.B. Univ. of Colorado 1910 ..... Denver, Colo.
BRAINERD, HARRY BEARDSLEE, A.B. 1909 ..... New York City
BRANNER, JOHN K ..... Stanford University, Cal.
BRENNER, SAMUEL ..... New York City
FISHER, EDWARD EUGENE ..... Aurora, Ill.
FOGARTY, JAMES, B.S. Charleston 1908 ..... Charleston, S. C.
FRENDBERG, IRA CHARLES, A.B. Univ. of N. Dakota 1910 ..... Hillsboro, N. D.
GOLDMAN, HAROLD ..... New York City
GRIFFITH, EDWIN ST. JOHN ..... Rockbridge Baths, Va.
HAMLIN, TALLOT FAULKNER, A.B. Amherst 1910 ..... New York City
HILDEBRAND, ARTHUR STURGESS, A.B. Yale 1910 ..... Hartford, Conn.
HOLLOPETER, SAMUEL LYNCH, A.B. DePauw 1909 ..... Wabash, Ind.
HOPKINS, HENRY P ..... Annapolis, Md.
HORNBLOWER, LEWIS WOODRUFF, A.B. Princeton 1904 ..... South Orange, N. J.
JAHELKA, ROBERT ..... New York City
KOECHL, OTTO R., LL.B. 1907, A.B. Harvard 1904 ..... New York City
LATENSER, JOHN, JR ..... Omaha, Neb.
LEÓN, THOMAS CHARLES ..... New York City
LIPPMANN, HERBERT MARKS, A.B. 1910 ..... New York City
MCELFRESH, RALPH FINLEY, C.E. Lehigh 1908 ..... Washington, D. C.
MACKENZIE, JAMES CAMERON, A.B. 1909 ..... Dobbs Ferry, N. Y.
DI MARTINO, GABRIEL, B.S. C. C. N. Y. 1909 ..... New York City
MURIEL, MANUEL ..... San Luis Potosi, Mexico
MURPHY, JOHN FREDERIC ..... Des Moines, Iowa
NAUHEIM, MELVILLE, A.B. 1910 ..... New York City
PAGE, WILLIAM ENOCH ..... Haverhill, N. H.
POND, DE WITT CLINTON, B.S. Trinity 1908 ..... Hartford, Conn.
PONSFORD, HENRY JORDAN ..... El Paso, Tex.
REH, ISADORE, B.S. C. C. N. Y. 1906 ..... New York City
SCHULZ, PAUL, B.S. C. C. N. Y. 1909 ..... New York City
SMALLWOOD, ROBERT F., B.S. Davidson 1906 ..... New Berne, N. C.
SMITH, FARIS BARTON, A.B. DePauw 1908 ..... Franklin, Ind.
STANLEY-BROWN, RUDOLPH, PH.B. Yale 1909 ..... Cold Spring Harbor, N. Y.
WARD, WALTER F., Litt.B. Princeton 1910 ..... Newark, N. J.
WEEKS, WILLIAM CORNELL ..... Huntington, N. Y.
WOOD, ERIC FISHER, Ph.B. Yale 1909, A.B. Yale 1910 ..... New York City
ZETSCHE, ROBERT GUNTHER ..... New York City

Total Candidates for Degrees 42

CANDIDATES FOR CERTIFICATE

AGNE, HARRY GEORGE ..... New York City
AGNEW, WILLIAM CHALMERS, JR ..... Duluth, Minn.
BENDERNAGEL, CHARLES EDWARD ..... New York City
BERLENBACH, CHARLES FRANCIS ..... New York City
BERRY, FRANK ALOYSIUS ..... New York City
BRERETON, SETON LINDSAY ..... Chambersburg, Pa.
CANDELA, ROSARIO ..... New York City
CASALE, JAMES EMANUEL ..... New York City
CHILD, HENRY TEAS ..... New York City
CLARK, DANA L ..... Cleveland, O.
CLINCH, HOWARD T ..... New York City
CLOSE, BERNARD WELLS ..... New York City
CLOUGH, ARTHUR NORMAN ..... New York City
COOKE, BENNETT WELLINGTON ..... Chicago, Ill.
DAVIS, WILLIAM HENRY ..... New York City
DORFMANN, DAVID WALDEMAR ..... New York City
EGAN, JOHN TAYLOR ..... Flushing, N. Y.
FANNING, EDWARD FRANCIS ..... New York City
FOARD, OSBORNE GILES ..... Wilmington, N. C.
FOSTER, DANIEL ..... East Orange, N. J.
FRANK, CARL MELVIN ..... East Columbus, O.
FREEHOF, MORTIMER EDGAR ..... New York City
FREES, HARRY JOHN ..... New York City
FREUDENFELS, EMIL ..... New York City
GRANGER, HAROLD STORY ..... New York City
GROSS, HAROLD ..... New York City
GUGLER, ERICH ..... Milwaukee, Wis.
GUNTHER, GEORGE PHILIP ..... New York City
HAFF, KENNETH GRANVILLE ..... Islip, N. Y.
HAIRE, THOMAS C ..... Helena, Mont.
HARDING, JOHN PHELPS ..... Saranac Lake, N. Y.
HARTMAN, HARRIS VINCENT ..... New York City
HESSE, WALTER ..... New York City
HOWITT, LOUIS R ..... White Plains, N. Y.
HUESMANN, LOUIS BERNARD ..... Hoboken, N. J.
IDE, JOHN JAY ..... New York City
INGLE, JOHN WILLIAM ..... New York City
JOSEPH, LEONARD ..... New York City
KNAPP, GEORGE ARNOLD ..... Chicago, Ill.
KNAPPE, ADOLPH HERMAN ..... Milwaukee, Wis.
DE LAGERBERG, LARS GASTON ..... Passaic, N. J.
LAMONT, ANGUS NEIL ..... Washington, D. C.
LA PIERRE, LESTER STORMS ..... New York City
LARSON, GEORGE BERNARD ..... Fargo, N. D.
LASHKOWITZ, BENJAMIN DAVID ..... Newark, N. J.
LATENSER, FRANK JOSEPH ..... Omaha, Neb.
LEVIN, CHARLES EMERSON ..... New York City
LINDSLEY, GIRARD ..... Orange, N. J.
LYON, LELAND HUBBELL ..... Danbury, Conn.
MCCONNELL, WARREN ..... New York City
MESICK, HOMER IRVING ..... Albany, N. Y.
MONTANARO, FRANK BIAGGIO ..... New York City
MORRIS, RAYMOND MONTROSE ..... New York City
NIENBURG, FREDERICK JOHN, JR ..... New York City

PALEN, HENRY WOOD ..... New York City
PARK, EDWIN AVERY ..... New Haven, Conn.
PATERSON, STUART ..... New York City
PHILLIPS, EDWARD SOMERVILLE JAFFRAY, JR ..... New York City
POLHEMUS, HENRY MARTIN ..... Englewood, N. J.
PUERTO, ANTONIO ..... Maywood, N. J.
RISLEY, WINCHTON LEAMON ..... Lima, O.
RUDD, JOHN SKEER ..... New York City
RUST, ELMER GERALD ..... Syracuse, N. Y.
SCHENE, LOUIS HENRY HERMAN ..... New York City
SCHNEIDER, WALTER SCHLESINGER ..... New York City
VON SCHWANENFLUEGEL, HUGO ..... New York City
SHENFIELD, LAWRENCE L ..... New York City
SIMMONS, WILLIAMSON ..... Norfolk, Va.
SMITH, STEPHEN ERNEST ..... White Plains, N. Y.
STAUB, PETER MICHAEL ..... Mamaroneck, N. Y.
SWARTWOUT, RUSSELL GEORGE ..... Scarsdale, N. Y.
THOMPSON, WILLIAM STUART ..... New York City
TRACEY, JOHN ..... Albany, N. Y.
VANCE, J. LYLE ..... New York City
VASSAR, HAROLD WORTH ..... Ballston Spa, N. Y.
WALKER, RUSSELL T ..... New York City
WEAVER, JOHN ALLEN ..... Weehawken, N. J.
WEBER, RUDOLF H ..... New York City
WEIHER, HENRY ALBERT ..... New York City
WOOD, WILLIAM HALSEY ..... Kent, Conn.
WORTHINGTON, ADDISON FOARD ..... Relay Station, Md.

[81]

NON-MATRICULATED STUDENTS

BACH, RICHARD FRANZ, A.B. 1908 ..... New York City
BAUM, HARVEY ANDREW ..... New York City
BERGAMINI, JOHN VAN WIE ..... New York City
BESHGETOORIAN, HARRY ..... New York City
BROWNE, THOMAS SEABROOK ..... Buffalo, N. Y.
BUTLER, HAROLD HAMPTON ..... New York City
CATHCART, EUGENE LAFAYETTE, B.S. Ala. Poly. Inst. 1910 ..... Rehoboth, Ala.
DEXTER, GRANVILLE WHITTINGTON ..... Palisade, N. J.
DROTTS, PHILIP T ..... Kansas City, Mo.
GODDARD, ROLAND G ..... Bristol, R. I.
GOODWIN, PHILIP LIPPINCOTT, A.B. Yale 1907 ..... New York City
HALL, BERNICE KINGSTON ..... New York City
HICE, HARRY M ..... Indianapolis, Ind.
HINE, ELLEN LOUISE ..... Poland, O.
HIRSH, C. MORTIMER ..... New York City
KEFFER, KARL ..... Des Moines, Ia.
KENYON, HENRY RUSSELL ..... New York City
KING, FREDERIC RHINELANDER, A.B. Harvard ..... New York City
LANG, FRANK LOYD ..... Kansas City, Mo.
LYDECKER, CHESTER ALAN ..... Maywood, N. J.
MACKBY, JULIUS ..... New York City
MEAD, M. J. (MISS) ..... Youngsville, Pa.
PEACOCK, URBAN FREDERICK ..... Milwaukee, Wis.
PRITZ, BESSIE (MISS) B.L. University of Nashville ..... Nashville, Tenn.

PURCELL, BURGO ..... San Gabriel, Cal.
REEVES, JAMIE FREELAND, B.S. Ala. Poly. Inst. 1910 ..... Eufaula, Ala.
REGAN, RICHARD JOHN, A.B. Christian Brothers College 1906 ..... Memphis, Tenn.
SEDGWICK, HENRY RENWICK ..... New York City
SHAWHAN, ROMER ..... San Francisco, Cal.
SOUERS, HENRY CLARK ..... Des Moines, Ia.
WHITE, GODDARD MAY ..... New York City
YONGE, CHANDLER COX, B.S. Ala. Poly. Inst. 1910 ..... Pensacola, Fla.
ZOGBAUM, HARRY ST. CLAIR ..... New York City
[33]

CANDIDATES FOR THE HIGHER DEGREES

WAY, HAROLD DAVID, Ph.B. Grinnell 1909 ..... Grinnell, Ia.
[1]

School of Music

GRADUATE STUDENTS

KILÉNYI, EDWARD, Equiv. A.B. Szarvas Gymnasium, Hungary, 1904
Diploma Conservatory of Music, Cologne, Germany, 1908 ..... New York City
NORDEN, N. LINDSAY, B.S. 1909 ..... New York City
POWELL, ALMA WEBSTER, B.Mus. 1910, LL.B. N. Y. Univ. 1900 ..... New York City
[3]

CANDIDATES FOR DEGREE

BALSAM, JAMES, A.B. C. C. N. Y. 1909 ..... New York City
ESSIG, FRANK THEODORE ..... East Orange, N. J.
KUGEL, ADOLF ..... New York City
[3]

NON-MATRICULATED STUDENTS

BATEMAN, FREDERICK H ..... New York City
BELLINGER, FRANZ, A.M. 1908, Ph.D. 1910, Equiv. A.B. Realgymnasium,
Remagen, Germany, 1886 ..... New York City
CHOTZINOFF, SAMUEL ..... New York City
DAVIS, IRVING G ..... New York City
DINWIDDIE, HELEN K ..... Cedar Rapids, Ia.
FUCHS, HENRY HEWITT, B.Mus. 1910, A.B. C. C. N. Y. 1906 ..... New York City
LINCOLN, LOUISE ..... East Cleveland, O.
LUNDBLAD, JOHN OLAF ..... New York City
PIKE, SAMUEL M ..... New York City
ROBINSON, MARIA MAUD, M.D. N. Y. Med. Coll.
and Hospital for Women 1883 ..... New York City
SCHWEITZER, EUGENIA ..... New York City
SILVER, MEYER ..... New York City
SLEEPER, JAMES TAYLOR, A.B. Amherst 1908 ..... Wellesley, Mass.
WELLERSON, MAX ..... New York City
WHITTAKER, HARRY HOWE ..... New York City
ZANZIG, AUGUSTUS D ..... New York City
[16]

SUMMARY—FINE ARTS

Architecture

Students candidates for degrees	42
Students candidates for certificates	81
Non-matriculated students	33
Candidates for the higher degrees	1
Students from Columbia College	3
Total, Architecture	160
Music	22
Grand total	182

BARNARD COLLEGE

TRUSTEES

Silas B. Brownell, LL.D., *Chairman*
Mrs. A. A. Anderson, *Vice-Chairman*
, *Clerk*
George A. Plimpton, *Treasurer*

Silas B. Brownell, LL.D.
Mrs. Joseph H. Choate
Mrs. Alfred Meyer
George A. Plimpton
Mrs. James Talcott
Mrs. Henry Fairfield Osborn
Mrs. A. A. Anderson
Edward W. Sheldon
Rev. William M. Grosvenor, D.D.
Seth Low, LL.D.
Mrs. Henry N. Munn
President Butler
Albert G. Milbank
Miss Clara B. Spence
Howard Townsend
John G. Milburn
Mrs Gino C. Speranza
Miss Mary Stuart Pullman
George L. Rives
Miss Charlotte S. Baker

Frederic B. Jennings

Standing Committees

1910

Executive Committee: Dr. Brownell (*Chairman*), Mrs. Anderson (*Vice-Chairman*), (*Clerk*), Mrs. Speranza, Dr. Grosvenor, Mrs. Osborn, Mr. Sheldon, Mr. Jennings, the President, and the Treasurer (ex-officio).

On Finance: Mr. Milburn (*Chairman*), Mr. Townsend, Mr. Jennings, and the Chairman of the Board of Trustees (ex-officio).

On Buildings and Grounds: Mrs. Speranza (*Chairman*), Miss Spence, Mrs. Anderson, the President, and the Chairman of the Board of Trustees (ex-officio).

On Education: Mr. Rives (*Chairman*), Mrs. Osborn, Mr. Milbank, the President and the Chairman of the Board of Trustees (ex-officio).

OFFICERS OF INSTRUCTION

The Faculty

President Butler
Professor Brewster
Professor Seligman
Professor Osgood
Professor Moore
[1]Professor Richards

[1] Absent on leave second half-year.

Professor Maltby
Professor Perry
Professor Giddings
Professor Jacoby
[1] Professor Clark
Professor Wheeler
Professor Cole
Professor Robinson
Professor Thomas
Professor Speranza
Professor Trent
Professor Lord
Professor McCrea
Professor Farrand
Professor Crampton
Professor Knapp
Professor Loiseaux
Professor Shotwell
Professor Botsford
Professor Kasner
Professor Montague
Professor Hubbard
Professor Reimer
Professor Jones
Professor Mussey
Professor R. Weeks
Professor Braun
Professor Hazen
Professor Gerig
Professor Gildersleeve
Professor Osburn
Professor Van Hook

Miss Weeks

Officers of the Faculty

Professor Brewster.....*Provost, Acting Dean and ex-officio Member of the University Council*
Professor Crampton (Term expires 1911).....*Elected Delegate to the University Council*
Professor Robinson (Term expires 1912).....*Elected Delegate to the University Council*
Professor Shotwell.....*Secretary*

Standing Committees of the Faculty

Committee on Instruction: Professors Brewster, *Chairman*, Robinson, Knapp, Richards, Montague, Reimer, and Gildersleeve

Committee on Scholarships: The Acting Dean, *Chairman*, Professor Hubbard and Dr. Hirst

Committee on Honors: Professors Trent, *Chairman*, Maltby, and Kasner

Committee on Student Organizations: Professors Reimer, *Chairman*, Mussey, and Miss Weeks

For other officers who may give instruction to students of Barnard College, consult the several departmental statements.

Officers of Administration

(See page 5)

[1] Absent on leave 1910–11.

GENERAL STATEMENT

In 1883 the Trustees of Columbia College offered degrees to women who should be able to pass the necessary examinations, without, however, providing instruction for them. The resulting system, called *The Collegiate Course for Women*, proved unsatisfactory to both parties. Therefore Barnard College was organized in 1889 to provide instruction for women which should be identical with or equivalent to that provided by Columbia for men.

For eleven years it duplicated for women as far as possible the curriculum of Columbia College, and also registered for graduate work under the University Faculties women who held the bachelor's degree from institutions of good standing. Its instructors were members of the University staff. Examinations for entrance, those given in course, and those for degrees, were conducted by Columbia University. During the first three undergraduate years separate instruction was given to women; in the senior year they were admitted to certain courses in the University. Graduate students attended many courses at the University under the Faculties of Philosophy, Political Science, and Pure Science, the laboratory work in science being done at Barnard College.

However, Barnard's numerical growth made inappropriate the informal arrangement for instruction which was the natural method at the outset, and it became necessary to recognize formally the status which had gradually come into existence. Accordingly, an agreement was entered into in January, 1900, by which Barnard was included in the University system. Barnard is now an independent college for women with a corporation and a faculty of its own vested with all the powers commonly belonging to such bodies. At the same time, it shares the library, the instruction, and the degrees of Columbia University.

A more exact idea of the relations between Barnard College and Columbia University and also of the relations between Barnard College and Teachers College is given in the *résumé* of the agreement above mentioned to be found in the current edition of the *Announcement of Barnard College*. This may be obtained without charge upon application to the Secretary of Barnard College.

ADMISSION

(See page 173)

Admission on Probation

If, for reasons of weight, a candidate who has not been credited with the full entrance requirement be admitted on probation, the grade of more than 35% in an entrance subject enables her to pursue a College course

for which the entrance subject is prerequisite. A grade of less than 35% in an entrance subject precludes her entering a College course for which the entrance subject is prerequisite.

A student admitted conditionally or by certificate will be held under probation during the first half-year of residence. For a detailed statement regarding the conditions of probation, see "On Probation in Columbia College," page 193.

To Advanced Standing

See the "Requirements for Admission to Advanced Standing in Columbia College," page 192.

In addition, the credits granted in any subject to a student admitted with advanced standing may be withdrawn or diminished in amount, if, in pursuing such subject after admission to Barnard College, the student proves that the granting of the credits was wholly or in part unwarranted by her previous work.

No student may receive a degree who has resided less than two full half-years at Barnard College.

No applicant will be allowed to enter the senior class as a candidate for a degree after October 15 in any year.

As Special Students

Candidates for admission as special students must make application in writing at least one week before the first day of the entrance examinations in September or in January. Proper blanks for this purpose may be obtained from the Registrar.

Special students in Barnard College are of two classes: non-matriculated and matriculated.

Non-matriculated special students must be women of mature age who wish to pursue chiefly advanced courses of special study. They may be admitted at the discretion of the Committee on Admissions without passing formal entrance examinations. They must furnish proof that they have at some time pursued the studies included in the matriculation examinations and must satisfy the requirements of the department that they desire to enter. Candidates desiring to pursue merely elementary courses, as in languages, etc., will not be admitted as non-matriculated special students.

No courses taken by non-matriculated special students can at any time be counted by them toward a degree.

Matriculated special students are women who wish, without taking a degree, to make a serious study of some subject or group of subjects. They must pass the regular examinations for admission to the freshman class and have full credit for fourteen and one half (14½) units of the entrance requirements. (See p. 173.) They may, therefore, in event of a

change of plan be credited with such of their courses as may coincide with the courses leading to a degree.

Information regarding the regulations governing the election of studies, amount of work, attendance, examinations, etc., of special students is contained in the *Announcement of Barnard College*, which can be obtained without charge from the Secretary of Barnard College.

MATRICULATION, REGISTRATION, FEES

Detailed information regarding matriculation, registration, and fees will be found in the current *Announcement of Barnard College,* which can be obtained without charge on application to the Secretary of Barnard College.

DORMITORY

(See page 50)

THE PROGRAM OF STUDIES

Upon completion of a curriculum arranged on one of the plans to be described below, the student is recommended by the Faculty of Barnard College for the degree of Bachelor of Arts or Bachelor of Science.

I THE PROGRAM OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B	12	points
French A and German A	12	"
History A	6	"
Latin A or B	6	"
Mathematics A	6	"
Philosophy A	6	"
Physical Education A and B	4	"
Economics A	3	"
Chemistry 5–6 or Physics 11–12	6	"
Botany, Chemistry, Geology, Physics, Psychology (Experimental), *or* Zoölogy: two half-year courses in addition to Physics 11–12 or Chemistry 5–6 or any course in science that may have been offered for admission	6	"
Major subject	18	"
Free electives to complete the total of	124	"

II THE PROGRAM OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE

Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B	12	points
French A and German A	12	"
History A	6	"
Mathematics A	6	"
Philosophy A	6	"
Physical Education A and B	4	"
Grouped work in Astronomy, Botany, Chemistry, Geography, Geology, Mineralogy, Physics, Experimental Psychology, and Zoölogy, amounting to a total of at least	70	"

(Of these 70 points at least 28 points shall be taken in a major subject, at least 12 points in an allied minor subject, and at least 12 points in a diverse minor.)

III GENERAL TWO YEARS' COURSE, NOT LEADING TO A DEGREE

This general course is specially arranged to furnish the collegiate foundation for professional work at Teachers College. It comprises 64 points of work and includes the following prescribed courses unless their equivalents have been offered for admission:

English A or a more advanced course in rhetoric	6	points
English Literature: two half-year courses	6	"
French, German, Italian, Spanish: two half-year courses in each of two modern languages, preferably French and German	12	"
History A or a more advanced course in history	6	"
Physical Education A and B	4	"
Botany, Chemistry, Geology, Physics, or Zoölogy: two half-year courses in each of two natural sciences that have not been offered for entrance, at least	12	"
Elective courses to complete the total of	64	"

In regard to the choice of elective courses a student should seek the advice of the professor in charge of her prospective major subject in Teachers College.

After satisfactory completion of 64 points of work in Barnard College, including the courses listed above, a student may transfer, without examination, to the professional curriculum of Teachers College and become a candidate for a Teachers College diploma and the degree of Bachelor of Science in Education.

In consequence of the agreement on the part of Barnard College to provide the collegiate course required by Teachers College for admission to its professional curriculum, Teachers College has withdrawn its collegiate curriculum.

IV OPTIONS IN THE PROFESSIONAL SCHOOLS FOR CANDIDATES FOR A BARNARD COLLEGE DEGREE

A student may plan her work in such a way as to earn a professional diploma from Teachers College at the same time as her academic degree from Barnard College. With the permission of the Provost of Barnard College and the Dean of Teachers College she may transfer to Teachers College at the end of her junior year under the following provisions. A candidate for the degree of Bachelor of Arts must have completed 94 points of work in Barnard College, comprising all of the required courses, including a major subject of at least 18 points and Education A. A candidate for the degree of Bachelor of Science must have completed 94 points of work at Barnard College, comprising all of the specifically prescribed courses and of the grouped work a major subject of at least 28 points with an allied minor subject of 12 points and Education A.

On receipt of a statement from the Faculty of Teachers College that a student so transferred has satisfactorily completed the requirements for the bachelor's diploma in Teachers College, the student will be recommended by the Faculty of Barnard College for the degree of Bachelor of Arts or Bachelor of Science, provided she shall have fulfilled the requirements for either of those degrees as laid down in the *Announcement of Barnard College.*

For full details regarding the major subjects in teaching, their requirements and prerequisites in collegiate work, and the most advantageous division of work in education, the student is referred to the current *Announcement of Teachers College.*

Scholarships, Prizes, and Honors

(See page 434)

REGISTER OF STUDENTS

BARNARD COLLEGE

SENIORS—CLASS OF 1911

Candidates for the A.B. Degree

*Amy, Helen Lovene ..... Minneapolis, Minn.
Anderson, Lillian Sophie ..... New York City
Bennett, Alice Laura ..... Georgetown, Conn.
Bishop, Fanny Aurill ..... New York City
Bloch, Stella ..... New York City
*Bosch, Josephine Adele ..... New York City
Brown, Helen ..... Boonton, N. J.
Brown, Juanita ..... White Plains, N. Y.
*Bruning, Emilie Elizabeth Margaret ..... New York City
Burke, Agnes Madeline ..... Morristown, N. J.
*Burne, Eleanor ..... New York City
*Burns, Edith Crowell ..... New York City
Burns, Ruth Augusta ..... Port Chester, N. Y.
Burr, Emily Thorp ..... Greenwich, Conn.
Callan, Anna May ..... New York City
*Cassel, Therese ..... New York City
*Clement, Amelia Aurélie ..... New York City
Coombs, Helen Copeland ..... Yonkers, N. Y.
Currier, Harriet Joy ..... Brewer, Me.
Denike, Agnes May ..... New York City
Duncan, Adele ..... New York City
Fueslein, Vera Amanda ..... New York City
Gay, Katharine ..... New York City
Gerstein, Rose ..... New York City
Gleason, Elsie ..... New York City
*Gray, Elizabeth Naomi ..... Englewood, N. J.
Gray, Laurie ..... Gray Court, S. C.
Greenawalt, Louise de Forest ..... Red Bank, N. J.
*Greiff, Lottie June ..... New York City
Hart, Margaret Tower ..... New York City
Heiden, Irma Fanny ..... New York City
Herreshoff, Anna Frances ..... New York City
Hess, Augustina ..... New York City
*Hill, Alice Taylor ..... New York City
Hirsh, Madeleine ..... New York City
Ihlseng, Olga Kathryn ..... Joplin, Mo.
*Kugler, Anna Augusta ..... New York City
*Lovell, Grace Greene ..... New York City
McKeever, Edna Josephine ..... New York City
Martin, Anna Leila ..... Charlotte, N. Y.
Mayer, Theresa ..... New York City
Mehler, Elsa Sauter ..... New York City

Moss, Ruth Lillian.....New York City
Oberndorfer, Marian.....New York City
Ockers, Louise Elizabeth.....Oakdale, N. Y.
O'Gorman, Alice Margaret.....New York City
Polhemus, Mary Bartow.....Englewood, N. J.
*Porter, Helen Maud.....Yonkers, N. Y.
Prochazka, Ottilie.....New York City
Randolph, Frances Maude Fitz.....New York City
*Reid, Mabel Jean.....New York City
Riordon, Elizabeth.....New York City
Runyon, Helen De Mott.....West Summit, N. J.
Sanborn, Mildred Louise.....New York City
Sandford, Georgina.....Dansville, N. Y.
Saul, Gertrude Elizabeth.....New York City
Schoedler, Lillian Helen.....New York City
Seely, Caroline Eustis.....New York City
*Seveso, Angelina.....New York City
Shwitzer, Myrtle.....New York City
Smith, Gladys Hollingsworth.....Easley, S. C.
Stagen, Ruth Madeline.....New York City
Steinecke, Jeannette Amelia.....New York City
Stewart, Natalie.....New York City
Stimson, Maude Beulah.....New York City
Tiemann, Kate Huntington.....East Orange, N. J.
Van Buskirk, Annie Schmelzel.....New York City
Weymann, Linda C.....New York City
*Wilkes, Helen.....Irvington, N. J.

Seniors—Class of 1911.....69

* Candidates for Teachers College Diploma in Education.

JUNIORS—CLASS OF 1912

Candidates for the A.B. Degree

Augur, Margaret Avery.....Greenwich, Conn.
Barrett, Mabel.....Springfield, O.
Berrian, Georgina.....New York City
Blumgarten, Sarah Lillian.....Bayonne, N. J.
Bokshitzky, Ida.....New York City
Booth, Edna Lillian.....New York City
Borchardt, Gertrude Saraphine.....New York City
Bradbeer, Helen Elizabeth.....Mt. Vernon, N. Y.
Bunzel, Bessie.....New York City
Burkholder, Hazel.....New York City
Carroll, Ruth.....Warwick, N. Y.
Cerow, Georgia Angela.....New York City
Conroy, Mary Sylvester.....New York City
Coyle, Molly Brooke Temple.....New York City
Crandell, Helen Hopkins.....Hempstead, N. Y.
Cusack, Gertrude Cecilia.....New York City
Deacon, Edith May.....New York City
Dewey, Evelyn.....New York City
Diehl, Mary Victoria.....West New York, N. J.
Dodge, Mildred.....New York City
Doty, Eleanor Mandeville.....New York City
Druding, Marguerite Dorothy Cecila.....New York City

Eaton, Levanchia Vibbard ..... Dansville, N. Y.
English, Elizabeth ..... Yonkers, N. Y.
Evans, Alice Belton ..... New York City
Felch, Ethel Louise ..... New York City
Fischel, Rebecca Viola ..... New York City
Fischer, Grace Marion ..... New York City
Fitz, Louise ..... Peconic, N. Y.
Fitzgerald, Henrine Brown ..... Middletown, N. Y.
Franklin, Elinor ..... New York City
Gilleaudeau, Grace ..... Mamaroneck, N. Y.
Girdner, Penelope Morgan ..... New York City
Gleason, Shirley ..... New York City
Glenn, Irene Louise ..... New York City
Gray, Kathleen ..... New York City
Green, Grace Barrington ..... Louisville, Ky.
Greenwold, May Suneva ..... New York City
Griffin, Agnes Dorothy ..... Cresskill, N. J.
Hakes, Ruth Johnston ..... Ilion, N. Y.
Hale, Harriet Florence ..... New York City
Hallock, Anna Cobb ..... New York City
Hamburger, Mildred Valentine ..... New York City
Hardy, Edith Frances ..... New York City
Hazel, Florence Louise ..... White Plains, N. Y.
Heilprin, Marion ..... Washington, D. C.
Heller, Elsa Marion ..... New York City
Hendricks, Rowena ..... Mount Vernon, N. Y.
Hodges, Mildred Livingston ..... New York City
Hoffman, Phebe Edith ..... New York City
Hogan, Margaret Rosalind ..... New York City
Ingerman, Eugenia ..... New York City
Isabel, Ernestine Charlotte ..... New York City
Ivimey, Rhoda Muriel ..... New York City
Johnson, Louie Estelle ..... New York City
Jones, Elizabeth Tompkins ..... White Plains, N. Y.
Kahn, Caroline ..... New York City
Keenan, Irene Dolores ..... New York City
Kempton, Ethel May ..... Yonkers, N. Y.
King, Virginia Kent ..... New Rochelle, N. Y.
Koss, Isabel Glen ..... New York City
Kutner, Margaret ..... New York City
Lacey, Olga Veronica ..... New York City
Lambert, Paula Claire ..... New York City
Landru, Lucy Emilie ..... Paterson, N. J.
Latzke, Frances ..... New York City
Leveridge, Ethel Sylvia ..... New York City
London, Irene Eleanor ..... New York City
Loughren, Amanda ..... New York City
Lowther, Florence de Loiselle (Mrs. H. Lowther) ..... New York City
Lustgarten, Augusta ..... New York City
McKee, Grace ..... Port Washington, N. Y.
McKenzie, Isabel ..... East Orange, N. J.
MacDonald, Lillie Alma ..... Newark, N. J.
Mackay, Jennie King ..... New York City
Mahon, Dorothea Helen ..... New York City
Martin, Alice Craige ..... Jersey City, N. J.
Maschmedt, Marie ..... New York City

MATHEWS, ELEANOR ALLISON ..... New York City
MINOR, SUSAN BROWN ..... Freehold, N. J.
MISCH, ALMA IDA ..... New York City
MORDECAI, EVA CECILE ..... New York City
MORDECAI, LUCILE ..... New York City
MORRIS, EDITH MATILDA ..... New York City
MORRISON, ISABELLE DRUMMOND ..... New York City
MULQUEEN, MARY ..... New York City
MYERS, ELEANORE ..... New York City
NAUMBURG, MARGARET JEANNETTE ..... New York City
*NOBIS, AGNES ..... Yonkers, N. Y.
NOYES, ISABELLE FLEMING ..... Port Chester, N. Y.
NYITRAY, LOUISE ..... New York City
O'CONNELL, MARJORIE ELIZABETH ..... New York City
OELLRICH, PAULA FRIEDA ..... East Orange, N. J.
O'ROUKE, MARGARET ..... White Plains, N. Y.
PLUMMER, HELEN COOK ..... Cranford, N. J.
POOR, PAMELA ..... New York City
PRATT, MARION ..... New York City
REES, FLORENCE DUBOIS ..... New York City
REES, VERA MARGUERITE ..... Westernville, N. Y.
REESE, CLAIRE HILDEGARDE ..... New York City
RIVKIN, MAMIE ERNA ..... New York City
ROGERS, FRANCES E. ..... Babylon, N. Y.
ROGERS, GRACE JOSEPHINE ..... New York City
RUSK, HESTER MARY ..... St. Joseph, Mo.
SALWEN, DOROTHY ..... New York City
SCHLESINGER, ETHEL ..... New York City
SCHWEIS, ETTA MAY ..... New York City
SCULLY, MAY AGNES PYNE ..... New York City
SEGEE, GLADYS RENSHAW ..... New York City
SHARPE, PHILADELPHIA MASTERS ..... Moorhead, Minn.
SHAW, GRACE MARGARET ..... White Plains, N. Y.
SHAW, MARY BRAMAN ..... New York City
SHEHAN, MARIE ..... New York City
SHELLEY, DORIS MARGUERITE ..... New York City
SHERIN, LILA MARJORIE ..... New York City
SHOOK, CONSTANCE ..... Greencastle, Pa.
SIDELL, RUTH HILLARD ..... Westfield, N. J.
SILLCOX, LOUISE MARIA ..... New York City
SMITH, ABBIE ..... Mount Vernon, N. Y.
SMITH, VIRGINIA ..... Babylon, N. Y.
SOUTHERTON, MARGARET ..... New York City
SPEAR, DOROTHY ALICE ..... New York City
STACK, ELIZABETH MYRES ..... Utica, N. Y.
STEGMAN, BEATRICE CLARA ..... Hoboken, N. J.
STRAUS, STELLA ..... New York City
TALLMAN, GLADYS GRIFFITH ..... New York City
THEES, CORA ROHDE ..... New York City
THOMPSON, RUBERTA ..... New York City
THOMSON, ELISABETH ..... New York City
VALET, EDITH MOORE ..... New York City
VAN VRANKEN, FLORENCE ..... New York City
VERLAGE, CHARLOTTE CECILE MARIE ..... New York City
VON WAHL, CONSTANCE WILLIAM ..... New York City
WALLENDER, ALVA FLORENCE ..... Mount Vernon, N. Y.

WALTHER, CATHERINE MARGARETTA.....Mount Vernon, N. Y.
WEAVER, AMY.....New York City
WEIL, LUCILLE.....New York City
WILLETS, GERALDINE.....Rye Beach, N. Y.
WILSON, ANNIE STAVELY.....Newark, N. J.
WOODRUFF, JENNIE ESTELLE.....Passaic, N. J.
WRIGHT, HAZEL.....New York City
ZIEGLER, EDNA EBERLY.....New York City

CANDIDATES FOR THE B.S. DEGREE.

COHEN, LENA.....Bayonne, N. J.
JUD, FRIEDA CATHARINE.....Jersey City, N. J.
LEWONTIN, ESTHER.....New York City
RICHARDSON, ELIZABETH SCARLETT.....New York City

Juniors—Class of 1912.....146

*Candidates for Teachers College Diploma in Teaching.

SOPHOMORES—CLASS OF 1913

CANDIDATES FOR THE A.B. DEGREE

ANDERSON, FLORENCE DE NOYELLES.....Haverstraw, N. Y.
ARMSTRONG, NATHALIE VICTORIA.....Upper Montclair, N. J.
AUERBACH, JENNIE GABRIEL.....New York City
BALLOT, MARTHE ROSALIE LAURE.....New York City
BALMFORD, EDITH FRANCES.....New York City
BARRETT, ALICE ADELINE.....New York City
BARTLING, LOUISE HELENE.....New York City
BROWN, ALICE GUNDESEN.....Perth Amboy, N. J.
BROWN, GRACE D.....New York City
BUNZL, MADELAINE EMILY.....New York City
BURGESS, ESTHER LEONORE.....New York City
BUTTENWIESER, CLARA.....New York City
CASE, ROSALIND CORWIN.....Peconic, N. Y.
CHEESMAN, DOROTHY HOWLAND.....New York City
CHILD, DOROTHY KENNEDY.....New York City
CLARKE, ROSEMARY.....Lake Mahopac, N. Y.
COLLA, CLARA.....New York City
COMES, LOUISE.....Hackensack, N. J.
CRADDOCK, CATHERINE ETHEL.....New York City
CROSBY, HELEN MARGARET.....Centerville, Mass.
DAKIN, CORNELIA HEAL.....New York City
DANA, HELEN MANLEY.....Tarrytown, N. Y.
DESSAR, AMY GRACE.....New York City
DIAZ DE VILLALVILLA, MADIA.....New York City
DOENHOFF, DOROTHEA VON.....New York City
DONOVAN, ELIZABETH K.....Oswego, N. Y.
DOUGLAS, ISABELLA PRESTON.....New York City
DOWNS, BESSIE.....Jersey City, N. J.
DWYER, HELEN.....New York City
EMMONS, MARTHA.....New York City
FEELEY, VERA ELIZABETH.....New York City
FLEISCHMAN, DORIS ELSA.....New York City
FOLAND, HELEN AUGUSTA.....New York City
FOX, ETTA BELLE.....New York City

Franklin, Marjorie Lorne.....New York City
Frear, Irene Louise.....New York City
Freudenthal, Rhoda Florence.....New York City
Glahn, Irma von.....Red Bank, N. J.
Goldman, Harriet Lois.....New York City
Goldstein, Rebecca.....East Orange, N. J.
Gottlieb, Saida Elsa.....New York City
Greene, Genevieve Van Vliet.....New York City
Grenelle, Miriam Bathseba.....North Paterson, N. J.
Guy, Ruth Alline.....New York City
Halfpenny, Edith.....New York City
Hasberg, Gladys Stella.....New York City
Hawkey, Ethel May.....Hackensack, N. J.
Hessberg, May Sylvia.....New York City
Hildebrand, Mary A.....New York City
Hillas, Mary.....West Hoboken, N. J.
Horkheimer, Pauline.....Wheeling, W. Va.
Hough, Virginia.....Augusta, Ga.
Houghton, Eleanor Gregory.....Denver, Colo.
Hubert, Emma Sophia.....Mount Vernon, N. Y.
Ireland, Imogene Belle.....Yonkers, N. Y.
Junghans, Bertha.....New York City
Kalt, Marguerite Jeannette.....New York City
Katz, Mollie.....New York City
Kelley, Margaret Frances.....Mount Vernon, N. Y.
Kiuch, Dorothy.....New York City
Latzke, Pauline.....New York City
Lingg, Sophie Claire.....New York City
McGivney, Virginia Isabelle.....New York City
MacDonald, Bessie Nelson.....New York City
Magid, Augusta.....New York City
Martin, Claire Hazel.....New York City
Mason, Mabel Helen.....New York City
Meyer, Lillian Melanie.....Monroe, La.
Morris, Gertrude Elizabeth.....New York City
Mumford, Amelia Robinson.....Saratoga Springs, N. Y.
Mumford, Mary Battle.....Saratoga Springs, N. Y.
Murphy, Irene Cecilia.....Weehawken, N. J.
Neugass, Marguerite Minnie.....New York City
Newman, Marion Rose.....New York City
Noble, Katharine.....New York City
Oerzen, Eleanor Marguerite.....New York City
Osterberg, Ruth Anna.....New York City
Parks, Eddie Thomas.....New York City
Pearson, Grace Madeleine.....New Rochelle, N. Y.
Pero, Sallie.....New York City
Phillips, Helen Eugenia.....New York City
Ready, Elizabeth Perkins.....Jersey City, N. J.
Reilly, Lillie.....New York City
Reynolds, Beatrice.....New York City
Rice, Irma Bertha.....Montgomery, Ala.
Richey, Margaret Cecelia.....New York City
Robinson, Marjorie.....New York City
Rosenblatt, Edith Gertrude.....New York City
Roth, Goldye Gladys.....New York City
Roy, Marion Snowdon.....Irvington-on-Hudson, N. Y.

Sage, Leontine.....Orange, N. J.
Salzman, Anna Beatrice.....New York City
Savage, Jane Mary Blake.....Rutherford, N. J.
Seibert, Harriet.....New York City
Shannon, Regina Leonore.....New York City
Shaw, Jean MacLean.....Rockland Lake, N. Y.
Sperling, Joan Louise.....New York City
Terrell, Ethel Florence.....New York City
Turck, Viola.....New York City
Tyndall, Ruth Mitchell.....New York City
Van Dyun, Marguerite Elizabeth.....New York City
Van Raalte, Jeannette.....New York City
Voorhis, Sarah Graham.....New York City
Voyse, Mary.....Yonkers, N. Y.
Watson, Margaret Wickham.....New York City
White, Varian.....Hackensack, N. J.
Wolff, Marion.....New York City
Wood, Margaret Eloise Macdonald.....New York City

Candidates for the B.S. Degree

Beall, Annie Cuyler.....Yonkers, N. Y.
Melsha, Josephine Cecile.....New York City
Rapelye, Emma Louise.....New York City

Candidates for Transfer at the End of Two Years to the Professional Schools of the University

London, Edith.....New York City
Surut, Anna.....New York City
Webb, Ethel Williard.....Mount Vernon, N. Y.

Sophomores—Class of 1913.....114

FRESHMEN—CLASS OF 1914

Candidates for the A.B. Degree

Adams, Louise Elizabeth.....New York City
Adikes, Anna Maria.....New York City
Adler, Bessie Menone.....New York City
Allen, Marguerite.....New York City
Andrews, Sophie Townsend.....New York City
Badanes, Bertha.....New York City
Baldwin, Mabel.....Bayonne, N. J.
Barber, Marion Jeanette.....New York City
Barrick, Jean Sutton.....Jersey City, N. J.
Bateman, Gladys.....New York City
Baum, Minnie.....New York City
Beers, Esther Eunice.....New Rochelle, N. Y.
Bernstein, Judith Semyra.....Portland, Ore.
Boegehold, Winifred Dorothy.....Mount Vernon, N. Y.
Brittain, Margaret.....Yonkers, N. Y.
Brittain, Virginia Irene.....Yonkers, N. Y.
Brooks, Rosalie Whitehead.....Harrison, N. Y.
Bunzl, Lucille Caroline.....New York City
Burgevin, Caroline Louise.....Port Chester, N. Y.
Campion, Gertrude Neuse.....New York City
Carman, Margaret Isabel.....New York City

Carroll, Julia Elise.....New York City
Cassedy, Marguerite.....New York City
Cawein, Olga.....New York City
Cherry, Ethel Newton.....New York City
Clark, Mildred Senior.....Yonkers, N. Y.
Clinch, Marie Louise.....Mount Vernon, N. Y.
Clingen, Alice Van Dorn.....New York City
Cohn, Caroline.....Orange, N. J.
Curtice, Eunice Mallory.....New York City
Dale, Jane Elizabeth.....New York City
Davis, Edith Rebecca.....New York City
Davis, Sarah Caroline.....Oak Grove, Ala.
Downes, Helen Rupert.....Yonkers, N. Y.
Edell, Alberta Caroline.....Blossvale, N. Y.
Elmendorf, Katharine.....New York City
Fitch, Dorothy Margaret.....New York City
Fox, Louise.....Plainfield, N. J.
Frieder, Emma Jane.....Carbondale, Pa.
Friedman, Hortense.....New York City
Friend, Etta Violet.....New York City
Gates, Frances Willard.....New York City
Gless, Mariette Louise.....Newark, N. J.
Goede, Ethel Belle.....Burlington, Ia.
Gray, Elizabeth Perine.....New York City
Greenwald, Gertrude Victoria.....Mount Vernon, N. Y.
Grof, Christine.....Ossining, N. Y.
Guernsey, Ruth Estelle.....New York City
Harrer, Harriet May.....Briarcliff Manor, N. Y.
Harris, Naomi.....New York City
Hawes, Esther Ware.....New Rochelle, N. Y.
Heinemann, Beatrice Danzig.....New York City
Hess, Edna.....New York City
Higgins, Edythe Gertrude.....New York City
Hilborn, Rita.....New York City
Hochschild, Gertrude.....New York City
Hoey, Marion Alice.....Fort Edward, N. Y.
Jeffrey, Laura MacLean.....New York City
Johnson, Irene Grace.....Mount Vernon, N. Y.
Jones, Edith Lydia.....New York City
Kelley, Annie Elizabeth.....New York City
Kenny, Mary Elizabeth.....New York City
Lawler, Mary Helen.....New York City
Lewine, Charlotte.....New York City
Lint, Theresa.....New York City
Lockwood, Priscilla.....New York City
Lowndes, Emily.....Mount Vernon, N. Y.
McCrodden, Ella.....New York City
McLaughlin, Grace.....New York City
McVickar, Helen Isabel.....Mount Vernon, N. Y.
Macauley, Elizabeth Irene.....New York City
Manser, Ruth Baldock.....Summit, N. J.
Marley, Ruth Jackson.....Newark, N. J.
Mayer, Eleanor Theresa.....New York City
Mills, Frances Alice.....Bristol, Conn.
Miner, Sidney Louise.....New York City
Morgan, Margaret.....Upper Montclair, N. J.

Moritz, Caroline Claudia.....Montgomery, Ala.
Mount, Helen Emma.....Hoboken, N. J.
Muller, Emily Keen.....Paterson, N. J.
Newmark, Sophia.....New York City
Nicola, Lulu.....New York City
O'Donnell, Frances Anne Elizabeth.....New York City
Ord, Alta Ashmead.....Yonkers, N. Y.
O'Sullivan, Regina.....New York City
Palmer, Florence.....New York City
Peck, Margaret.....Pomfret Centre, Conn.
Pierpont, Julia Holbert.....White Plains, N. Y.
Raff, Gertrude.....New York City
Randolph, Isabel Fitz.....New York City
Reid, Margaret.....Mount Vernon, N. Y.
Reinheimer, Corinne.....New York City
Reinheimer, Edith.....New York City
Rhoades, Florence Martha.....Omaha, Neb.
Robinson, Anna Kathleen.....Sea Cliff, N. Y.
Roever, Frances Lucille.....New York City
Rogers, Hazel May.....New York City
Ros, Luisa.....New York City
Ross, Mary Goldsborough.....Essex, N. Y.
Schmidt, Elisabeth Mary Norburga Agnes.....West Hoboken, N. J.
Schorr, Marguerite Louise.....New York City
Schubert, Elsa Anna Dorothy.....Three Bridges, N. J.
Schulman, Jeannette.....New York City
Schwartzman, Fanny.....New York City
Schwarzwaelder, Florence.....Ossining, N. Y.
Scovil, Elizabeth Adeline.....New York City
Seldner, Gladys.....Yonkers, N. Y.
Seligman, Cecile Rose.....New York City
Shackleton, Clara Everett.....New York City
Shannon, Angela.....New York City
Slade, Muriel Gladys.....New York City
Smalley, Mary Frances.....Dansville, N. Y.
Sondheim, Hattie.....New York City
Stebbins, Mabel Clara.....New York City
Stenbuck, Bertha Elisabeth.....New York City
Stephens, Gertrude Emily.....New York City
Stern, Alene.....New York City
Stewart, Mary Wotherspoon.....New York City
Stiles, Helen Emma Dear.....Hasbrouck Heights, N. J.
Stitt, Adelaide Marguerite.....New York City
Straiton, Chrystene.....New York City
Sturges, Sarah Elvina Delano.....New York City
Talmage, Ruth Whittier.....New York City
Thaw, Henrietta D.....New York City
Thomas, Edith Maddock.....Savannah, Ga.
Tobias, Helen.....New York City
Tobias, Regenia Julia.....Corning, N. Y.
Track, Irene Paula.....New York City
Treadwell, Bertha Holt.....New York City
Tully, Marion.....New York City
Unti, Irma.....New York City
Vorhaus, Amy Rose.....New York City
Walton, Lillian Susie.....New York City

WARING, LILLIAN ADELE.....New York City
WELLS, CHARLOTTE ADELINE.....Mount Vernon, N. Y.
WIGAND, ELEANOR EMMA.....New York City
WILLIAMS, EDITH GARDNER.....New York City
WILMOT, HARRIET ELVIRA.....New York City
WISE, ROSE MARIE.....New York City
WUNDERLICH, ELSA PAULINE.....Tarrytown, N. Y.

CANDIDATES FOR THE B.S. DEGREE

BEVIER, MARGUERITE.....New York City
FINK, ALINE ANNA.....New York City
GAITHER, JESSIE.....New York City
GREENBURG, ISABEL.....New York City
JACOBSON, FANNY R.....Shreveport, La.
MATHISON, ELIZABETH.....New York City
MAXWELL, CELESTINE LEA.....New York City
MULHALL, EDITH FRANCES.....New York City
OWENS, ELLA ADELAIDE.....New York City
PETRI, LUCIE ANNA.....New York City
WILSON, EMILY NEWCOMB (MRS. F. A. WILSON).....New York City

CANDIDATES FOR TRANSFER AT THE END OF TWO YEARS TO THE PROFESSIONAL SCHOOLS OF THE UNIVERSITY

BROWN, KATE GERTRUDE.....New York City
FLEMING, EDITH JOSEPHINE.....New York City
HADSELL, ELEANOR GERTRUDE.....New York City
HARRIS, DAISY E.....New York City
HEARN, GERTRUDE LEAH.....New York City
KOSCHERAK, IRMA.....New York City
MAHON, HELENE FRANCES MARY.....Locust Valley, N. Y.
MÖHLE, JEAN EARL.....New York City
OCHS, IPHIGENE.....New York City
O'MALLEY, ELIZABETH CECILIA.....Yonkers, N. Y
PETERSON, HATTIE BERNERA.....New Rochelle, N. Y.
REARDON, ELIZABETH.....Yonkers, N. Y.
ROBINSON, LOLA.....New Rochelle, N. Y.
SANDFORD, HELEN.....Dansville, N. Y.
TOBEL, HENRIETTA VON.....Lewistown, Mont.

Freshmen—Class of 1914.....166

SPECIAL STUDENTS, MATRICULATED

ALLISON, CHARLOTTE DE WITT.....New York City
CAHN, PAULINE.....New York City
COCHRANE, ETHEL MAY.....Mount Vernon, N. Y.
HARRIS, FLORENCE.....Montclair, N. J.
HEPPE, ANNA ELIZABETH.....Hartford, Conn.
HODGE, CHARLOTTE MORSE.....New York City
HOLDER, JULIA.....New York City
JACOBY, DOROTHY.....New York City
JOHNSON, MARGARET EDITH.....New York City
LUNDQUIST, FRANCES GERTRUDE.....Chicago, Ill.
MCELREATH, ELIZABETH.....Atlanta, Ga.

Morgenstern, Addie Fredericka	New York City
Neu, Eleanor Emma	New York City
Rossin, Ethel Clara	New York City
Stein, Lillie Emily	New York City
Thurber, Candace	New York City
Tiffany, Louise Comfort	New York City
Van Horn, Olive Ostrander	Wilkes Barre, Pa.
Weil, Amy Adelaide	New York City
Weiner, Mildred Felicia	New York City
Willets, Eliza Leggett	New York City
Wright, Margaret Choate	Pleasantville, N. Y.

Matriculated Special Students.....22

SPECIAL STUDENTS, NON-MATRICULATED

Adams, Anna Regina (Mrs. W. C. Adams)	New York City
Batterton, Florence P. (Mrs. F. P. Batterton)	New York City
Cameron, Evelyn	Newark, N. J.
Carman, Miriam Crittenden	Plainfield, N. J.
Cooley, Lucie A. (Mrs. E. E. Cooley)	New York City
Delafield, Cornelia Van Rensselaer	New York City
Du Bois, Mildred	New York City
Eaton, Lou Ethel	Taylorsville, Miss.
Flower, Caroline Maben (Mrs. F. B. Flower)	New York City
Haven, Leila Ingersoll	New York City
Gonzalez, Carmen de Brieva	New York City
Knapp, Florence A	New York City
Lockwood, Mary Isabel (Mrs. M. I. Lockwood)	New York City
McCook, Katharine	New York City
Nichols, Elizabeth Williams	New York City
Nichols, Marjorie	New Rochelle, N. Y.
Raphael, Claire Hilda	New York City
Silverman, Louise Block	New York City
Staats, Marion	Great Barrington, Mass.
Stein, Mabel Bonner (Mrs. Alexis W. Stein)	New York City
Williams, May Bell	New York City

Non-matriculated Special Students.....21

SUMMARY

Seniors—Class of 1911:		
Candidates for the Barnard College A.B. degree alone	53	
Candidates for Barnard College A.B. degree and Teachers College diploma in education	16	
		69
Juniors—Class of 1912:		
Candidates for the A.B. degree	142	
Candidate for Barnard College A.B. degree and Teachers College diploma in education	1	
Candidates for the B.S. degree	3	
		146
Sophomores—Class of 1913:		
Candidates for the A.B. degree	108	
Candidates for the B.S. degree	3	
Students in General Two-Year Course	3	
		114
Carried forward		329

Brought forward		329
Freshmen—Class of 1914 :		
Candidates for the A.B. degree	140	
Candidates for the B.S. degree	11	
Students in General Two-Year Course	15	
		166
		495
Special Students :		
Matriculated	22	
Non-matriculated	21	
		43
University Students	44	
Teachers College Students	177	
		221
Grand Total		759

TEACHERS COLLEGE

TRUSTEES

V. Everit Macy, *Chairman*
Frank R. Chambers, *Vice-Chairman*
Newbold Morris, *Secretary*
Miss Grace H. Dodge, *Treasurer*

William F. Bridge
Peter B. Olney
B. Talbot B. Hyde
Joseph Milbank
Seth Low, LL.D.
James Speyer
James E. Russell, LL.D.
Mrs. Frederick F. Thompson
Nicholas Murray Butler
Robert C. Ogden, LL.D.
Walter H. Page, LL.D.
Howard Van Sinderen
Mrs. Helen Hartley Jenkins
Arthur Iselin
Clark Williams
Jordan J. Rollins
Horace E. Andrews
Arthur Turnbull

The Faculty

President Butler
[2] Professor Woodhull
Professor Cattell
Professor Cohn
Professor Baker
[1] Principal Prettyman
Professor Dodge
Professor Russell
[2] Professor Kinne
Professor Woolman
Professor McMurry
Professor Monroe
Professor Dutton
Professor Lodge
Professor E. L. Thorndike
Professor Farnsworth
Professor D. E. Smith
Professor T. D. Wood
Professor Gies
Professor Woodbridge
Professor Sachs
Professor Furst
[2] Professor Bagster-Collins
Professor Bigelow
Professor Sykes
Principal Pearson
Professor Vulte
Professor MacVannel
Professor Dow
Professor Dewey
Professor H. C. Sherman
Professor Lucke
Professor H. Johnson
Professor Nutting
Professor Strayer
Professor Suzzallo
Professor Norsworthy
Professor Bonser
Professor McFarlane
Professor Cooley

[1] Absent on leave first half-year.

[2] Absent on leave second half-year.

Professor Fales
Professor Farrington
Professor Fauver
Professor Fulmer
Professor Hill
Professor Latham
Professor McCastline
Professor Noyes
Professor Ruger
Professor Rose
Professor Upton
Professor Van Arsdale
Professor Warner
Rev. Dr. Coe

Officers of the Faculty

Professor Russell.....*Dean and ex-officio Member of the University Council*
Professor Furst.....*Secretary*
Professor Lodge (Term expires 1913).....*Elected Delegate to the University Council*
Professor D. E. Smith (Term expires 1911)..*Elected Delegate to the University Council*

Other Officers of Instruction

Benjamin R. Andrews, Ph.D., *Secretary, Household and Industrial Arts;* Charles Conrad Sleffel, *Instructor in Industrial Arts;* Charles William Weick, B.S., *Instructor in Industrial Arts;* Maud March, *Instructor in Physical Education;* Caroline Crawford, *Instructor in Physical Education;* Clara Barbara Kirchwey, *Instructor in Geography;* Grace Cornell, *Instructor in Fine Arts;* Jean Broadhurst, A.M., *Instructor in Biology;* Anna Barrows, *Instructor in Household Arts;* Wyllystine Goodsell, Ph.D., *Instructor in the History of Education;* Sallie B. Tannahill, *Instructor in Fine Arts;* Alon Bement, *Instructor in Fine Arts;* Margaret Maud Zerbe, *Instructor in Music;* Edward J. Thatcher, *Instructor in Manual Training;* Romiett Stevens, A.M., *Instructor in Secondary Education;* Anna Pamela Brooks, B.S., *Instructor in Fine Arts;* Helen Latham, *Instructor in Music;* Margaret Calhoun, *Instructor in Physical Education;* William H. Kilpatrick, *Lecturer in the History of Education;* Charlotte A. Francis, *Instructor in Physical Science;* Lydia Southard, *Instructor in Household Arts;* George Cox, *Instructor in Fine Arts;* Charlotte Francis, B.S., *Instructor in Physical Science;* Anna Woods Ballard, A.B., *Instructor in French;* Mary Theodora Whitley, A.M., *Instructor in Educational Psychology;* Louise Christine Sutherland, *Instructor in Kindergarten;* Julia Wade Abbott, *Instructor in Kindergarten;* Mary Bull Hanckel, *Instructor in Fine Arts;* Caroline Stackpole, M.A., *Instructor in Biology;* Laura Whittemore, *Instructor in Household Arts;* Cora M. Winchell, B.S., *Instructor in Household Arts;* Florence E. Winchell, B.S., *Instructor in Household Arts;* Emily C. Seaman, M.A., *Instructor in Household Arts;* Edna Skinner, B.S., *Instructor in Household Arts;* Evelyn C. Toby, B.S., *Instructor in Household*

Arts; LYDIA RAY BALDERSTON, *Instructor in Household Arts;* MARY H. PEACOCK, *Instructor in Household Arts;* FLORENCE R. CORBETT, *Instructor in Household Arts;* GRACE HITCHINGS, B.S., *Instructor in Household Arts;* SADIE VANDERBILT, *Instructor in Household Arts;* MRS. MELINDA I. MANCHESTER, *Instructor in Household Arts;* LUCILLE G. FRENCH, *Instructor in Household Arts;* ISABEL STEWART, *Instructor in Household Arts;* JEANNETTE ROWLAND SEIBERT, A.M., *Recorder, Department of Physical Education;* GRACE MARIE DASCHBACH, *Lecturer in Music;* MARY LOUISE FURST, *Lecturer in Household Arts;* KARI BUVEIT OVERLAND, *Assistant in Household Arts;* MARY WROE CURTIS, *Assistant in Household Arts;* THEODORA E. WYE, B.S., *Assistant in Latin and Greek;* MARY REESOR, *Assistant in Physical Education;* LYDIA ANDERSON, *Assistant in Household Arts;* JOHN JAY WALSH, *Assistant in Industrial Arts.*

Officers of Administration

(See page 5)

TEACHERS COLLEGE SCHOOLS

Officers of Administration

Professor RUSSELL, *Dean*
" DUTTON, *Superintendent*

Horace Mann School

VIRGIL PRETTYMAN, Pd.D., *Principal of High School;* HENRY CARR PEARSON, A.B., *Principal of Elementary School;* CHARLOTTE GANS GARRISON, *Principal of Kindergarten;* CHARLOTTE JOY FARNSWORTH, Ph.B., *Preceptress of High School;* MARION ROOT PRATT, *Executive Secretary;* ELIZABETH IVERSON TOMS, *Secretary to Superintendent;* BERTHA WARNER SEELY, *Secretary to Principal of High School;* CORA MAY GEER, *Secretary to Principal of Elementary School;* ETHEL ELLEN ROCKWELL, *Custodian of Library.*

Instructors and Assistants in Horace Mann Schools

[1] ALLAN ABBOTT, *English;* FISKE ALLEN, *Mathematics;* KATE STUART ANTHONY, *Domestic Art;* WALTER WHIPPLE ARNOLD, *Latin;* CHARLES MCCOY BAKER, *Latin;* HELEN BARTLETT BAKER, *English;* ANNA WOODS BALLARD, *French;* MARIE LOUISE BOLLERT, *English;* FRANK ELBERT BROOKS, *English;* MARIE KARCHER BROOKS, *French;* ORVILLE M. BRUNSON, *Mathematics;* LOUIS HENRY BURCH, *Industrial Arts;* MARY EDWARDS CALHOUN, *English;* HUGH H. CALDWELL, *English;* LAURA B. CRANDON, *German;* BERTHA DEYO, *History;* MARIA LOUISE DOWD, *Physical Training;* CHARLOTTE ANNA FRANCIS, *Chemistry and Physics;* ARTHUR TAPLEY

[1] Absent on leave.

FRENCH, *Mathematics;* MARY BROWNSON GILLMORE, *History;* WILLIAM HELMUTH GOHDES, *German;* EDWARD FRANKLIN HAUCH, *German;* GEORGE THOMAS HOLM, *Swimming;* ALEXANDER JAMES INGLIS, *Latin;* GEORGE KARTZKE, *Prussian Exchange Teacher of German;* P. JOSEPH KERSEY, *Physical Training;* CLARA BARBARA KIRCHWEY, *Geography;* STANISLAS LE ROY, *French;* EMMA LENORE MACALARNEY, *English;* JOHN DUELE NEITZ, *Special Teacher for Delinquent Pupils;* LILLA ANNE NOURSE, *Drawing;* FREDERICK S. NOWLAN, *Mathematics;* ALBERT FRANKLIN REED, *Latin;* CHARLES CONRAD SLEFFEL, *Forging;* FLORENCE STUART, *Physical Training;* HARRY P. STUDY, *History;* CHARLES H. STOUTENBURGH, *Mathematics;* JOHN JAY WALSH, *Machine Work;* CHARLES WILLIAM WEICK, *Wood-Working;* ELIZABETH MARIAN WHEELOCK, *Latin;* LAURA BRAINARD WHITTEMORE, *Domestic Science;* ROLAND HUGH WILLIAMS, *Chemistry and Physics;* HAROLD E. WOODWARD, *Chemistry and Physics.*

Horace Mann Elementary School

CLARA MABEL WHEELER, *First Grade;* FLORENCE MABEL MCVEY, *First Grade;* MILDRED IONE BATCHELDER, *Second Grade;* EVELYN BATCHELDER, *Second Grade;* MARY HAMMETT LEWIS, *Third Grade;* THEO. R. STONE, *Third Grade;* IDA ELIZABETH ROBBINS, *Fourth Grade;* FLORENCE MAY MARSHALL, *Fourth Grade;* MAUD VIVIAN KEYES, *Fifth Grade;* MARGARET CONDRY, *Fifth Grade;* LURA PARKER FITCH, *Fifth Grade;* MARY FREDERIKA KIRCHWEY, *Sixth Grade;* MARY GERTRUDE PEABODY, *Sixth Grade;* SIEGRIED HANSEN UPTON, *Sixth Grade;* [1]CAROLINE WOODBRIDGE HOTCHKISS, *Seventh Grade;* LILLIAN EMILY ROGERS, *Seventh Grade;* GEORGIA FARRAND BACON, *Seventh Grade;* MARY ELIZABETH KELTON, *Seventh Grade;* LUCIA W. DEMENT, *Drawing;* HELEN LATHAM, *Music;* LUCY HESS WEISER, *Manual Training;* MARY PERLE ANDERSON, *Nature Study;* FLORENCE MARY HEALY, *Physical Training;* ELIZABETH CLEASBY, *Primary Grades;* ALICE ELIZABETH PHELPS, *Primary Grades;* NELLIE WARREN BIRDSONG, *Grammar Assistant;* ANNA JEANNETTE GANNETT, *Primary Assistant.*

Horace Mann Kindergarten

LOUISE CHRISTINE SUTHERLAND, *Teacher;* GRACE LILLIAN BROWN, *Assistant;* JOSEPHINE CLAWSON, *Assistant.*

Speyer School

AMY SCHÜSSLER, *Principal;* BERTHA BENTLEY, *First Grade, Critic Teacher;* ELEANOR WRIGHT, *Second Grade;* ROXANA ALER STEELE, *Third Grade;* ALICE THOMPSON, *Fourth Grade;* CLARA RACHEL BENNETT, *Fifth Grade, Critic Teacher;* BERTHA GATH, *Sixth Grade;* FRANK SCOTT MCCALL, *Seventh Grade;* MRS. FLORENCE V. WATKINS, *Eighth Grade, Critic Teacher;* JULIA WADE ABBOT, *Kindergarten Critic;*

[1] Absent on leave.

BESSIE GORDON SMITH, *Assistant in Kindergarten;* LAURA VALENTINE, *Social Worker and Assistant Librarian;* ISABEL STEPHENS, *Physical Education;* FREDERICK G. BYERMANN, *Physical Education;* HELEN LATHAM, *Music;* LOUIS HENRY BURCH, *Industrial Arts;* ANNA PAMELA BROOKS, *Art Critic Teacher;* CORA MARGUERITE WINCHELL, *Domestic Science, Critic Teacher;* FLORENCE ELLA WINCHELL, *Domestic Arts, Critic Teacher;* LULIE WILES ROBBINS, *Director of Social Work.*

GENERAL STATEMENT

Teachers College, founded in 1888, and chartered by the Regents of the University of the State of New York in 1889, became, in 1898, a part of the educational system of Columbia University. The President of Columbia University is President, *ex-officio*, of Teachers College and the College is represented in the University Council by its Dean and representatives elected from its Faculty. The College meanwhile maintains its separate corporate organization, and its Board of Trustees continues to assume entire financial responsibility for its maintenance.

Teachers College is thus the school of Columbia University for the study of education and the training of teachers, taking academic rank with the Schools of Law, Medicine, and Mines, Engineering, and Chemistry. It affords opportunity for the advanced study of educational psychology and sociology, the history and philosophy of education, educational administration, and the various aspects of secondary, technical, elementary, and kindergarten education. It also provides professional training, both theoretical and practical, for teachers of both sexes for secondary, grammar, and primary schools, and kindergartens; for special teachers of such technical subjects as household arts, industrial arts, fine arts, music, and physical education; and the preparation of advanced students for work as principals, supervisors, and superintendents of schools; as heads of academic or educational departments in normal and teachers' training schools, and of educational departments in colleges and universities.

The following curricula are offered by the College:

1. A two-years' professional curriculum, leading to the degree of Bachelor of Science in Education and the Bachelor's Diploma in teaching, requiring for entrance the previous completion, at Columbia University or elsewhere, of two years of academic or technical training in advance of the usual requirements for college entrance. The work of the curriculum presents certain fundamental courses in educational psychology and the history and principles of education, a major subject of professional and academic work, in any department of the College, and a proportion of elective courses chosen at will.

2. Graduate curricula for advanced students leading to the Master's and Doctor's Diplomas in teaching and to the degrees of Master of Arts and Doctor of Philosophy with a major subject in education. Such

curricula provide work in educational psychology, the history and the philosophy of education, educational administration, secondary education, elementary education, and in research in the methods of teaching the various academic and technical subjects, supplemented by courses in other parts of the University. Courses in education may also be counted as minor subjects toward the advanced degrees, by students primarily registered in some other part of the University.

The professional curriculum is so arranged that undergraduate students of Columbia College and of Barnard College, and students who are prepared to enter the junior class of either of these colleges, may, if they desire, obtain the diploma of Teachers College at the time of receiving their degree of Bachelor of Arts.

Teachers who wish to supplement previous professional training are entered into these curricula with advanced standing, or into courses grouped especially for their needs.

The Horace Mann School and the Speyer School, maintained by Teachers College as schools of observation and experiment, include kindergarten, elementary, and secondary classes and neighborhood work, and offer exceptional advantages for the study of the practical work of teaching and for the investigation of educational problems. These schools have now an attendance of some thirteen hundred pupils.

Buildings and Equipment

The buildings of Teachers College, representing an investment of more than three million dollars, occupy the block directly north of the University Campus, bounded by 120th and 121st streets, Amsterdam Avenue and Broadway.

The Main Building, containing equipment for administration and instruction, the Bryson Library—the educational library of the University,—and the Educational Museum, is adjoined by the Milbank Memorial Building, housing a number of academic and technical departments and containing the Memorial Chapel; by the Macy Manual Arts Building, with its exceptional equipment for work in Fine Arts and Industrial Arts; and by the new Household Arts Building. The Frederick Ferris Thompson Memorial Building for the department of Physical Education connects the Milbank Building on the west with the building of the Horace Mann School. On the east of it is Whittier Hall, the residence for the women students of the College. The building of the James Speyer School is a short distance north of the College, on Lawrence Street, near Amsterdam Avenue.

Scholarships, Prizes, and Honors

(See page 464)

REGISTER OF STUDENTS, 1910–11

Teachers College

Graduate Students

Candidates for the Doctor's Degree and Diploma

The following students are also registered under the Faculty of Philosophy and are pursuing a major course in Education in Teachers College. Minor courses not in Education are given in italics below

ADLER, MARTHA, A.B. N. Y. N. C. 1894, A.M. N. Y. U. 1906.....New York City
ALEXANDER, THOMAS, A.B. 1910.....Kirksville, Mo.
ARMSTRONG, ALFRED HAVELOCK, A.M. 1904, A.B. Acadia 1898,
Social Economy..... Dobbs Ferry, N. Y.
BENNETT, GEORGINA GRACE, A.B. 1905, A.M. 1906, *Mathematics*....Hackensack, N. J.
BLAN, LOUIS BENJAMIN, A.M. 1908, B.S. C. C. N. Y. 1901,
Sociology.....Port Richmond, N. Y.
BLUMBORG, ISIDOR BERNARD, B.S. 1910.....New York City
BRANDON, HENRY CLAY, A.M. 1910, A.B. Indiana 1902, A.M. 1905,
Mathematics.....Daleville, Ind.
BUCKINGHAM, BURDETTE ROSS, A.B. Wesleyan 1899, A.M. 1900,
English.....Elmhurst, N. Y.
BURNHAM, ERNEST, Ph.B. Albion 1896, A.M. 1903, *Sociology*.....Kalamazoo, Mich.
CARSE, ELIZABETH, Ph.B. Cornell 1895, *Sociology*.....New York City
CAZIN, ADELE, B.S. 1904, A.M. 1908.....Upper Montclair, N. J.
CHEN, TSAI HSIN, A.B. Peking 1901, A.M. 1909, *Mathematics*.....Peking, China
CLARKE, HOWARD ERNEST, A.B. Toronto 1909, *Philosophy*....West Toronto, Canada
COOK, EDMUND CURLEY, A.B. Dartmouth 1892, A.M. 1899, A.B.
Harvard 1894, *Mathematics*.....New York City
DOTEY, AARON ISAAC, A.B. DePauw 1890, A.M. 1893.....New York City
DRIEHAUS, IRWIN WILLIAM, A.M. 1905, B.S. Cincinnati 1900,
Physics.....Madisonville, O.
EVERSON, GEORGE, A.B. Oberlin 1908, *Sociology*.....Wellington, O.
FITZPATRICK, EDWARD AUGUSTUS, B.S. 1906, A.M. 1907, *Psychology*....New York City
GIFFORD, WALTER JOHN, A.B. Oberlin 1907, *Economics, Sociology*....Wellington, O.
GILTNER, EMMETT E., A.M. 1907, A.B. Indiana 1904, *Social Economy*...Oaktown, Ind.
GUTHRIE, KENNETH SYLVAN, A.M. University of the South 1896, Ph.D.
Tulane 1896, A.M. Harvard 1897, M.D. Philadelphia Medico-
Chirurgical 1903.....Philadelphia, Pa.
HANCE, WILLIAM, A.B. Yale 1902, *Mathematics*.....New York City
HEGLAND, MARTIN, A.B. St. Olaf 1904, A.M. Minnesota 1908,
Sociology..... Minneapolis, Minn.
HEIN, HENRY EMMO, A.M. 1906, A.B. C. C. N. Y. 1902.....New York City
HICKEY, GEORGE H., A.B. C. C. N. Y. 1906.....New York City
HUGHES, FRANCIS T., A.B. St. Francis Xavier 1894, A.M. 1900,
Biological Chemistry.....Brooklyn, N. Y.
HUTCHINSON, JAMES HOWARD, A.M. 1909, A.B. Colgate 1905....Pocantico Hills, N. Y.
JESSUP, WALTER S., A.B. Earlham 1903, *Sociology*.....Richmond, Ind.
JOHNSON, ARTHUR CHARLES, JR., B.S. Pennsylvania 1907, A.M. 1908,
Philosophy.....Castleton-on-Hudson, N. Y.
KEMP, WILLIAM WEBB, A.B. Leland Stanford, Jr. 1898, *History*.....Palo Alto, Cal.

KENT, RAYMOND ASA, A.M. 1910, A.B. Cornell 1903,
Economics, Sociology.....Winona, Minn.
KEYES, CHARLES HENRY, A.B. St. Johns 1879, *Psychology*.....Hartford, Conn.
KIRBY, THOMAS JOSEPH, A.M. 1910, A.B. Indiana 1906.....Indianapolis, Ind.
KLING, JOSEPH, A.B. C. C. N. Y., *Romance Philology, English*.....Brooklyn, N. Y.
KUHN, ADELINA, A.M. 1908, A.B. Vassar 1904, *Sociology*.....New York City
LAVELL, CECIL FAIRFIELD, A.M. Queen's 1894, *History*.....Kingston, Ont.
LELAND, ABBY PORTER, A.B. 1905, A.M. 1906, *Philosophy*.....Mechanicsville, N. Y.
LEWIS, ERVIN EUGENE, A.B. Leland Stanford, Jr. 1907, A.M. 1909,
Psychology.....Watertown, N. Y.
LOCKE, LESLIE LELAND, A.B. Grove City 1896, A.M. 1900,
Mathematics.....Brooklyn, N. Y.
MCCARTY, STELLA A., A.B. Woman's College 1892, *Philosophy*.....Trenton, N. J.
MEYER, HENRY HERMANN, A.B. German Wallace 1901, A.M. 1903, B.D.
Drew Theological 1903, *Psychology*.....Maplewood, N. J.
MILLER, ELEANORA T., A.B. Nebraska 1900, A.M. 1902, *Mathematics*..Lincoln, Neb.
MYERS, ALEXANDER JOHN WILLIAM, A.B. Dalhousie 1902, A.M. 1904,
B.D. Presbyterian 1907, *Church History*.....Halifax, N. S.
PANDYA, THAKORLAL RANCHHODLAL, A.M. 1910, B.S. Baroda 1905,
Sociology.....Baroda, India
PINKHAM, GEORGE RIPLEY, A.B. Brown 1887, A.M. 1890..... Newark, N. J.
RAPEER, L. W., B.S. Chicago 1904, A.M. Minnesota 1907,
Economics, Sociology.....New York City
ROBBINS, CHARLES LEONIDAS, A.B. Kansas 1902, A.M. 1903, *History*...Russell, Kan.
ROGERS, LESTER BURTON, A.M. 1907, B.S. Moore's Hill 1899.....Commiskey, Ind.
RUGGLES, ALLEN MEAD, A.B. Wisconsin 1906, *Economics, Sociology*, McDonough, N. Y.
RUSSELL, WARREN LOCKE, A.B. Harvard 1904, A.M. 1906, *Latin*.....Brooklyn, N. Y.
SEARS, JESSE BRUNDAGE, A.B. Leland Stanford, Jr. 1909,
History.....Stanford University, Cal.
SHARLITT, MICHAEL, A.M. 1909, A.B. C. C. N. Y. 1903.....New York City
SILBERSTEIN, NATHAN, A.B. 1905, A.M. 1906, *Mathematics*.....New York City
STARK, WILLIAM EVERETT. A.B. Harvard 1895, A.M. 1901,
Economics, Sociology.....New York City
STONE, LULA MABEL, Ph.B. Cornell 1895.....Brooklyn, N. Y.
THOMPSON, WILLIAM JOSEPH, B.S. Pennsylvania 1884, B.D. Drew Theological
1892, A.M. Harvard 1901, Ph.D. N. Y. U. 1910.....Tarrytown, N. Y.
TRAFTON, GILBERT HAVEN, Ph.B. Wesleyan 1898, M.S. 1901.....Clifton, N. Y.
URCH, MARY ELIZABETH, A.M. 1910, B.L. Albion 1893, *Psychology*....Bay City, Mich.
WELCH, ALBERTA MAUD, A.M. 1908, A.B. Wellesley 1895, *Mathematics*.New York City
WHITE, FREDERICK CARLTON, A.B. Alfred 1895, A.M. 1902,
History.....New York City

Candidates for Master's Degree and Diploma

The following students are also registered under the Faculty of Philosophy and are pursuing a major course in Education in Teachers College. The minor courses not in Education are given in italics below.

ADAMS, ELIZABETH STARBUCK, A.B. Wellesley 1896, *Psychology*....South Natick, Mass.
ADAMS, MATTHEW PRIOR, B.S. Harvard 1904, *Geology*.....Waban, Mass.
ALBERS, ELIZABETH RUTH, A.B. St. Lawrence 1905, *English*.....Jersey City, N. J.
ALDER, MARY LOUISE, A.B. Kansas 1904, *English*.....Lawrence, Kan.
ALEXANDER, JAMES WADDELL, A.B. Princeton 1902.....Bay Shore, N. Y.
ALLEN, ANDREW J., A.B. Princeton 1889.....East Orange, N. J.
ASHCROFT, CARRIE VAN RENSSELAER, B.S. 1906..... New York City
BACK, ELIZABETH MITCHELL, A.B. 1908, *English, Astronomy*.....Yonkers, N. Y.
BAKER, GEORGE CALVIN, Ph.B. Lafayette 1910.....Plainfield, N. J.

BARBER, HARRIET LOUISA, B.S. 1909, *English*.....Lincoln, Neb.
BARNES, HAROLD, A.B. Kansas 1892, *Economics*.....Princeton, Ind.
BARNETT, D'ARCY CORNWELL, A.B. Maryland Agricultural 1898, A.M. 1906, *Psychology*.....Cambridge, Md.
BARR, LOIS ELTA, B.S. 1909.....Holdrege, Neb.
BARROW, JOHN BURKETT, A.B. Codrington 1898, *Latin*.....Brooklyn, N. Y.
BENNETT, AGNES LEONARD, A.B. 1900.....Hackensack, N. J.
BENNETT, GEORGE LIONEL, A.B. Colgate 1900.....Hackensack, N. J.
BLADES, FLORENCE ISABELLA, A.B. Elmira 1905, *Sociology*.....Schenectady, N. Y.
BOSTWICK, JOSEPHINE OSBORNE, A.B. Acadia 1901, *English*.....Newton Centre, Mass.
BOWDISH, LEWIS F., A.B. 1901.....Brooklyn, N. Y.
BRADY, MARIE, B.S. Cooper Union 1909.....Brooklyn, N. Y.
BRIM, ORVILLE GILBERT, B.S. Valparaiso 1907, Pg.B. 1908, *Philosophy*..Latchie, O.
BROWN, HAZEL, A.B. Swarthmore, 1910, *English*.....Leesburg, Va.
CHIEN, HU TING, A.B. Harvard 1910, *Public Law*.....Checkiang, China
CONSALUS, FRANCIS HAMILTON, B.S. 1907.....Greenwich, N. Y.
CRAFTS, LILIAN LOUISE, A.B. Rochester 1906, *Physical Education*....Rochester, N. Y.
DECKER, NICHOLAS PETER, A.B. Holy Cross 1909.....Lowville, N. Y.
DEERE, GILBERT, Ph.B. Franklin 1903, *History*.....Franklin, Ind.
DEEVEY, EDWARD S., B.S. 1909, *Philosophy*.....Albany, N. Y.
DELANEY, WALTER J., A.B. Manhattan 1905.....New York City
DENNY, GRACE GOLDENA, A.B. Nebraska 1907, *Social Economy*.....Lincoln, Neb.
DICKLER, NATHAN N., A.B. 1905, *Mathematics*.....Brooklyn, N. Y.
DOEDEN, FREDERICK HUGO, A.B. Illinois 1904, *Psychology*.....Eureka, Ill.
DULIN, HELEN ALICE, A.B. Randolph-Macon 1903, *Mathematics*.....Leesburg, Va.
DUMM, CLARENCE LUTHER, Ph.B. Dickinson 1905, A.M. 1907.....Mackeyville, Pa.
EARL, ANITA MILLS, B.S. 1909, *Sociology*.....New York City
EATON, CLARA CECILIA, A.B. 1908, *Mathematics*.....New York City
ERDWURM, ELSIE, B.S. 1905.....New York City
ERNST, FREDERIC, A.B. C. C. N. Y. 1902.....New York City
EVERSON, ANNA EMMA, B.S. 1908, *Chemistry, Zoölogy*.....New York City
EVERTS, SEYMOUR B., A.B. Alfred 1903.....Matteawan, N. Y.
FITZPATRICK, JOHN STEPHEN, A.B. Brooklyn Polytechnic 1908, *English*, Brooklyn, N. Y.
FLEISCHER, JOSEPH, A.B. C. C. N. Y. 1904, *English*.....New York City
FLYNN (MRS.), FLORENA JAMES, A.B. Ohio State 1896, *Mathematics*..E. Orange, N. J.
FORDE, JESSIE LOUISE, A.B. Kansas 1910, *Psychology*.....Emporia, Kan.
FRANCIS, CAROLYN LOUISE, B.S. 1910, *Mathematics*.....Honeoye Falls, N. Y.
GAMBRILL, BESSIE LEE, A.B. Western Maryland 1902, *History*.....Ellicott City, Md.
GARTLAN, EUGENE B., B.S. C. C. N. Y. 1898, LL.B. N. Y. U. 1900, *History*.....New York City
GIENGER, WATSON, A.B. Dickinson 1907, *English*.....North Long Branch, N. J.
GILBERT, CLARA MARIA, B.S. 1905.....Pittsford, Vt.
GOLDSMITH, EVELYN MAY, B.S. 1910.....Binghamton, N. Y.
GOODRICH, FOSTER, B.S. Worcester Polytechnic 1893.....New York City
GOULD, REUEL RAYMOND NEIL, A.B. Michigan 1901, *History*.....Kalamazoo, Mich.
HALL, DELBERT EUGENE, A.B. Grove City 1905, A.M. 1907.....Mills, Pa.
HALL, KATHARINE MARY HEDGES, A.B. Leland Stanford, Jr., 1909, *Philosophy*.....San José, Cal.
HARADA, KICHI, A.B. Meiji Women's Seminary 1899.....Tochigiken, Japan
HARTZELL, MARY K., B.S. Minnesota 1909, *Household Arts, Social Economics*.....Medford, Ore.
HETZEL, GEORGE, A.B. Kansas 1910, *Psychology*.....Elmont, Kan.
HILL, ANTOINETTE DYETT, A.B. 1910, *Mathematics*.....New York City
HILL, CLYDE M., A.B. Drury 1910, *Mathematics*.....Springfield, Mo.
HUGHES, THOMAS H., A.B. C. C. N. Y. 1906.....New York City
IRELAND, E. WARD, B.S. 1908, *Social Economy*.....Unadilla, N. Y.

KEYS, ETHEL, B.S. Illinois Wesleyan 1908, *History*.....Lincoln, Ill.
LANDSMAN, CHARLES M., A.B. C. C. N. Y. 1902, *Mathematics*.....New York City
LEOPOLD, ISRAEL, A.B. C. C. N. Y. 1903, LL.B. N. Y. U. 1907, *English*. New York City
LEWKOWITZ, SIDNEY, B.S. C. C. N. Y. 1906, *Public Law, History*.....New York City
LOUGHRAN, GEORGE A., B.S. N. Y. U. 1907.....New York City
MCKEOWN, MATILDA JANE, B.S. 1910, *Household Arts*.....New York City
MCLANE, FANNIE MOULTON, A.B. 1907, A.M. 1908.....New York City
MCMINN, AMELIA, B.S. Wisconsin 1895, *Zoölogy*.....Chicago, Ill.
MACK, LURA MARY, A.B. Vassar 1905, *Zoölogy*.....Watertown, N. Y.
MACRAE, EUPHAN WASHINGTON, Ph.B. Chicago 1901, *Sociology*.....Bridgeport, Conn.
MARGULIES, IRVIN E., A.B. Yale 1909.....Brooklyn, N. Y.
MASON, WALTER CLARK, A.B. Colgate 1899, *Sociology*.....Tura, Assam, India
MAŬ, LAURA EMILIE, B.S. 1910, *Psychology*.....Young America, Minn.
MEAD, CYRUS DEWITT, Ph.B. DePauw 1898, *Psychology*.....Spencer, Ind.
MERRIAM, BERT EMERY, A.B. Oberlin 1894.....Hackensack, N. J.
MEYER, MINNA MCEUEN, B.S. 1908, *German*.....New York City
MILLER, CHARLES CHRISTIAN, A.B. Ohio State 1883, *History*.....Lima, O.
MOON, WARD CLINTON, A.B. Amherst 1905.....Orange, N. J.
MOORE, CHARLES FREDERIC, B.S. Worcester Polytechnic 1900.....New York City
MOORE, JOHN CALVIN, B.S. Franklin 1905, *Physical Science, Chemistry*. Franklin, Ind.
MORRIS, MEREDITH DARLINGTON, A.B. Harvard 1896, *Psychology*.....Flushing, O.
NAGOURNEY, ISAAC, A.B. C. C. N. Y. 1906.....New York City
NISHIMURA, SEIICHIRO, Honinsha, Tokyo, Japan, 1886,
Philosophy.....Hiroshima, Japan
NOSKA, ELLIOT VALENTINE, B.S. C. C. N. Y. 1906, *Social Economy*.....New York City
OLLER, MARIE, B.L. Smith 1903.....New York City
OSTERHUS, PETER OLAI, B.Pg. Valparaiso 1905, B.S. 1906, *Sociology*....Ossian, Ia.
PARKER, RUTH, A.B. Smith 1908, *Latin*.....Bath, Me.
PENFIELD, EDITH M., A.B. Oberlin 1898.....Cleveland, O.
PHELPS, BENJAMIN JUDAH, A.B. Yale 1902.....Plainfield, N. J.
PHILLIPS, HELEN S., A.B. 1909, *English*.....New York City
PLATT, FRANK JAMES, A.B. Beloit 1908, *Economics*..... De Kalb, Ill.
PRESTON, GERTRUDE ELAINE, Ph.B. Iowa 1898, *Mathematics*.....Greeley, Colo.
RACE, HENRIETTA V., Ph.B. Lawrence 1900, *Sociology*.....Winfield, Kan.
RACOUBIAN, ROUPEN STEPAN, B.S. 1910, *Psychology*.....Sivas, Turkey
REED, ANNA LUCILE, A.B. Pomona 1910, *Mathematics*.....Whittier, Calif.
RIBLET, GRACE ELIZABETH, B.S. 1908, *Fine Arts*.....New York City
RICHARDSON, ANNA EURETTA, B.S. Nashville 1903, *Chemistry*.....Summerville, S. C.
RIDER, CATHERINE MAILLER, B.L. Swarthmore 1888, *English*.....Middletown, N. Y.
ROANTREE, WILLIAM FOX, A.B. Colgate 1904, *Mathematics*.....New York City
ROGERS, JULIET OAKES, B.S. 1909, *Household Arts, Social Economy*.... Carthage, N. Y.
RYAN, HEBER HINDS, B.S. 1906, *Economics*.....Ellensburg, Wash.
SALMOWITZ, ROSE LILLIAN, A.B. 1910, *German*.....Brooklyn, N. Y.
SAUNDERS (MRS.), JESSIE CASSIDY, B.S. Cornell 1886, *Social Economy*. New York City
SCUDDER, EDNA DRAKE, A.B. Wilson 1895, *Physical Education*.....Trenton, N. J.
SEYMOUR, F. EUGENE, A.B. Syracuse 1904..... Montclair, N. J.
SIMONS, LAO GENEVRA, B.S. 1908, *Mathematics*.....New York City
SIMPSON, HOMER NELSON, A.B. Cornell 1909, *Geology*..... Poughkeepsie, N. Y.
SMITH, ROY LEON, A.B. Syracuse 1904, *History*.....Freeport, N. Y.
SMITH, SEYMOUR LOUIS, B.S. 1909.....Whitewater, Wis.
SMITH, WILLIAM THOMAS, A.B. St. Francis Xavier 1899, A.M. 1900,
LL.B. 1908, *English*.....Brooklyn, N. Y.
SNOW, ELLA MARION, B.S. 1906, *Romance Philology*.....Fairhaven, Mass.
SNOW, MINNIE ROSE, Ph.B. Wesleyan 1897.....East Hampton, Conn.
SOWLES, ELIZABETH BECKWITH, B.S. 1905.....Plattsburgh, N. Y.
SPENCER, ROBERT V., A.B. Yale 1901, *Philosophy*.....Jasper, N. Y.

STAPLES, CLARENCE LEONARD, A.B. Harvard 1905, A.M. Pennsylvania 1908, *Psychology*.....Portland, Me.
STEVENSON, TIMOTHY JOSEPH, A.B. Clark 1906, A.M. 1907.....Worcester, Mass.
STOUGHTENBURGH, CHARLES HALL, E.E. 1905, *Mathematics*.....New York City
STRYKER, RUSSELL FOOTE, A.B. RUTGERS 1910.....Bound Brook, N. J.
SUSSMANN, EDWARD, A.B. C. C. N. Y. 1902.....New York City
SUTTON, GEORGE D., B.S. Alma 1908, *Public Law*.....Caro, Mich.
TAMBLING, CHARLES FINNEY, A.B. Oberlin 1895, *Physiology*....Mt. Pleasant, Mich.
TATTERSHALL, FANNY, B.S. 1901.....White Haven, Pa.
TAYLOR, CHESTER EDWIN, A.B. Boston 1908.....New York City
TEWKSBURY, EVERETT BELKNAP, A.B. Harvard 1899, *Music*.....New York City
THOMSON, ANDREW SAMUEL, Ph.B. Brown 1898.....Alexandria Bay, N. Y.
TIMBERLAKE, ELISE, B.S. 1910, *English*.....Clinton, Miss.
TOZER, ALTA MARY, A.B. Vassar 1899, *Latin*.....Hoosick Falls, N. Y.
TREDICK, HELEN FOLSOM, A.B. Smith 1897, *Botany*.....Malden, Mass.
TROWBRIDGE, JANETTE, B.S. 1906, *Chemistry*.....Brooklyn
TYNDALL, GERTRUDE VAN AUKEN, B.S. 1910, *Physical Science*....Mt. Vernon, N. Y.
VAN DAM, EMMANUEL FELIX, A.B. St. Francis Xavier 1902, *English*.....New Brighton, N. Y.
VAN SCHAICK, LEMUEL WASHINGTON, A.B. Colgate 1904.....Scarsdale, N. Y.
VAUGHAN, WILLIAM EUGENE, A.B. Peabody 1900, *English*.....Springfield, Mo.
VILLELLI, JOSEPH ANTHONY, B.D. Union Theological 1910, *French*.....Bayonne, N. J.
VÖLKER, ROSA MARGARET, A.B. N. Y. N. C. 1908.....Ossining, N. Y.
WALK, GEORGE EVERETT, A.B. Ohio Wesleyan 1899, *Political Economy*..Muncie, Md.
WALLACE, LORETTA MAE, B.S. Purdue 1910, *Social Economy, Physical Education*.....Lafayette, Ind.
WALLER, PHŒBE M., B.S. 1908, *English*.....Plainfield, N. J.
WALSH, MARY G., A.B. St. Elizabeth 1908.....New York City
WEBSTER, GEORGE EDWARD, B.S. Bucknell 1908, M.S. 1910, *Industrial Arts*.....North Plainfield, N. J.
WETTLIN, EMMA L., B.S. 1902, *English*.....South Westfield, N. J.
WHEELER, CHARLES EVERETT, A.B. Middlebury 1900, *Economics*.....Sidney, N. Y.
WHEELER, LUTIE LOUISE, A.B. N. Y. State N. C. 1910, *French, German*.....Round Lake, N. Y.
WIGHTMAN, SUSAN WILLIAMS, A.B. Vassar 1910, *History*.....Danbury, Conn.
WILCOX, WINIFRED, B.S. 1908, *Sociology*.....Pelham, N. Y.
WILEY, WILLIAM H., B.S. 1909, *Physical Science*.....North Tarrytown, N. Y.
WILLIAMS, CLARA LOUISE, A.B. McGill 1907, *Zoölogy*.....Knowlton, Quebec, Canada
WILSON, WILLIAM H., B.S. 1910.....Paterson, N. J.
WOLL, FREDERIC ALBERT, B.S. 1910, *Physical Education*.....New York City
WOOD, JAMES M., A.B. Missouri 1907, *History*.....Fredericktown, Mo.
YOAKLEY, INA, B.S. 1910.....Johnson City, Tenn.

Professional Students Candidates for the Bachelor's Degree and Diploma

Seniors

ALEXANDER, REBECCA (*English*).....New York City
ALFKE, ETHEL V. (*History*).....New York City
**ALLAN, AGNES CECILIA.....New York City
ALLINGHAM, GRACE (*Domestic Science*).....Manhattan, Kan.
||AMY, HELEN LORENE (*English*).....Minneapolis, Minn.
ANDERSON, MARY FRANCES (*Elementary Supervision*).....Hartford Conn.
ARCHER, MARY ANNIE (*History*).....Philadelphia, Pa.
AVENT, JOHN MCDONOUGH (*Elementary Supervision*).....New York City

|| Candidate for the A.B. degree. **Degree only.

BACO, ISABEL V. (*Mathematics*) ..... Mayaguez, Porto Rico
BAIRD, ROSE ADÈLE (*Domestic Art*) ..... Ripley, N. Y.
BARBER, JESSIE (*Domestic Science*) ..... Springfield, O.
BARRANCO, MANUEL (*Elementary Supervision*) ..... Mexico City, Mex.
BAYERN, FRIEDA JUDITH (*Domestic Art*) ..... New York City
BECK, ALGA MAY (*Physical Education*) ..... New Brighton, S. I.
BEHR, MINNA DOROTHEA (*Fine Arts*) ..... Brooklyn, N. Y.
BELL, MABEL BEATRICE VALENTINE (*Mathematics*) ..... West New Brighton, S. I.
BERKOWITZ, HENRY (*Latin*) ..... New York City
BETTS, AGNES FARRAR (*Domestic Science*) ..... Elmira, N. Y.
BLACKMAN, EDITH (*Domestic Science*) ..... New York City
BLAKE, ANNE SEYMOUR (*Kindergarten Supervision*) ..... Brooklyn
BLANKENSTEIN, MARGARETE (*English*) ..... New York City
BOEHRINGER, CORA LOUISE (*Elementary Supervision*) ..... Yuma, Ariz.
BONNARD, ANNETTE YOUNG (*English*) ..... Passaic, N. J.
BONNARD, ELIZABETH (*English*) ..... Passaic, N. J.
BOSCH, JOSEPHINE ADELE (*Mathematics*) ..... New York City
BOSHART, EDWARD WILLIAM (*Industrial Arts*) ..... Fort Wayne, Ind.
BOSTOCK, OLIVE (*Primary Supervision*) ..... Bryn Athyn, Pa.
BOWER, SARAH ELIZABETH (*Domestic Science*) ..... New York City
BOYD, IDA ESTELLE (*Fine Arts*) ..... Brooklyn, N. Y.
BROWN, ALEXANDER, M.D. (*Physical Science*) ..... New York City
**BRUNDAGE, HOWARD DRAKE ..... New York City
BRUNER, GRACE E. (*Physical Education*) ..... Llanerch, Pa.
BRUNING, EMILIE ELIZABETH MARGARET (*German*) ..... Brooklyn, N. Y.
BUEMMING, CHARLOTTE ADAM (*Domestic Art*) ..... New York City
BURNE, ELEANOR (*Mathematics*) ..... Douglaston, N. Y.
BURNS, EDITH CROWELL (*History*) ..... Brooklyn, N. Y.
BUTLER, HELEN ROSE (*Physical Education*) ..... New York City
CAFFREY, WILLIAM S. (*Elementary Supervision*) ..... East Quogue, N. Y.
CAHILL, MARY FLORENCE (*Fine Arts*) ..... New York City
CAPLOW, SAMUEL NATHANIEL (*English*) ..... New York City
CARRINGTON, SARAH TUCKER (*Latin*) ..... Cincinnati, Ohio
CASSEL, THERESE (*German*) ..... New York City
CHRISTIAN, MARY KATHERINE (*Domestic Science*) ..... Lexington, Ky.
CHRISTIANSON, ADDIE OLINE (*English*) ..... New York City
CHUTE, MARION HOYT (*Fine Arts*) ..... Conway, Mass.
CLAWSON, JOSEPHINE M. (*Kindergarten Supervision*) ..... Danville, Ky.
||CLEMENT, AMELIA AURELIE (*Mathematics*) ..... New York City
CLEMENTS, LAURA ELIZA (*Mathematics*) ..... Liberty, N. Y.
COFFEY, ANNA LOIS (*Industrial Arts*) ..... Macomb, Ill.
COLBURN, ADA B. (*Domestic Science*) ..... Oneonta, N. Y.
**COLEMAN, KATHERINE ROSAMOND ..... New York City
COOK, WILLIAM BENJAMIN (*Mathematics*) ..... Millwood, N. Y.
COOKE, HELEN LOUISA (*Elementary Supervision*) ..... Waukegan, Ill.
COOPER, CLARENCE GARFIELD (*Elementary Supervision*) ..... Govans, Md.
CRAIGHEAD, HETTIE WEAKLEY (*Domestic Science*) ..... Harrisburg, Pa.
CRONAN, FRANCES J. (*Elementary Supervision*) ..... New York City
CRUMB, HAZEL ALICE (*Physical Science*) ..... Forestville, Conn.
DAVIDSON, PHŒBE JANE (*English*) ..... West Plains, Mo.
DAVIS, MALETA HASSELTINE (*Primary Supervision*) ..... Jane Lew, W. Va.
DAVIS, MAUD ALICE (*Elementary Supervision*) ..... Tacoma, Wash.
DAVIS, MINNIE LEE (*Elementary Supervision*) ..... Baltimore, Md.
DAY, GRACE ALICE (*Elementary Supervision*) ..... Minneapolis, Minn.

|| Candidate for the A.B. degree. ** Degree only.

DEMPSEY, FLORENCE (*Primary Supervision*)..... Milwaukee, Wis.
DEUTSCH, JULIA (*History*)..... New York City
DINGMAN, JEANETTE CLYDE (*Domestic Science*)..... Spring Valley, N. Y.
DINWIDDIE, EDITH CLAIRE (*Physical Education*)..... Cedar Rapids, Ia.
DISCH, AMALIA ADALIA (*History*)..... Brooklyn, N. Y.
DONOVAN, HELEN (*Domestic Art*)..... Rochester, N. Y.
|| DORR, WILLIAM CASPAR (*Latin*)..... Brooklyn, N. Y.
DRIGGS, HELEN ELIZABETH (*Grammar Grades*)..... New York City
EATON, LAURA FRANC (*Domestic Science*)..... Honolulu, T. H.
ELDRIDGE, GRATIA W. (*Physical Education*)..... Vineyard Haven, Mass.
ELDRIDGE, MARY JAY (*Kindergarten*)..... Newark, N. J.
ELLIS, EDMONIA COLTON (*Domestic Science*)..... Torrington, Conn.
ELLISSON, ESTELLE JAMES (*English*)..... Brooklyn, N. Y.
ELWELL, GEORGIA BELLE (*Domestic Art*)..... Minneapolis, Minn.
ENDERS, LEILA (*Kindergarten*)..... Ridgefield Park, N. J.
FEENEY, CLARA MAY (*Domestic Science*)..... Oxford, Ohio
FITZHUGH (MRS.), MARGARET O'CONNOR (*Elementary Supervision*)..... Stewart, Ohio
FORSSELL, ALVA ELVIRA (*Mathematics*)..... West New Brighton, S. I.
*FREEDLANDER, ETTA (*Geography*)..... Cleveland, Ohio
FREER, LOUISE (*Physical Education*)..... Mt. Vernon, Ia.
|FRIEDMAN, ISRAEL (*Latin*)..... Brooklyn, N. Y.
FROST, EDITH EMILY (*Domestic Art*)..... Kenilworth, N. J.
GADDIS, CAROLYN JOSEPHINE (*Elementary Supervision*)..... New York City
GARDNER, MARY LOUISE (*Primary Supervision*)..... Cleveland, Ohio
GAY, ELEANOR (*Domestic Science*)..... New York City
GENIN, MARY JANE (*Mathematics*)..... Atlantic Highlands, N. J.
GESSFORD, MINNIE MYRTLE (*English*)..... Baltimore, Md.
GILBERT, CAROLINE (*Fine Arts*)..... St. Paul, Minn.
GLADDING, GERTRUDE (*Kindergarten*)..... Norwich, N. Y.
GLASSER, HENRY GALEN (*Mathematics*)..... Dunellen, N. J.
GODFREY (MRS.), EDNA BELLE (*Domestic Science*)..... New York City
GOLLUP, EUGENE MICHAEL (*Educational Psychology*)..... Brooklyn, N. Y.
GOOLRICK, JENNIE MAY (*History*)..... Fredericksburg, Va.
GOULD, FRANCES REBA (*Music*)..... West Brighton, S. I.
GRANT, FOREST (*Fine Arts*)..... East Orange, N. J.
||GRAY, ELIZABETH NAOMI (*Music*)..... Englewood, N. J.
GREIFF, LOTTIE JUNE (*Mathematics, Physical Science*)..... New York City
GUNTHER, EMMA HENRIETTA (*Household Administration*)..... Dunkirk, N. Y.
HAESSLER, ANNA MARGARET (*Domestic Science*)..... Milwaukee, Wis.
HAMEL, GEORGIANA (*Geography*)..... Newark, N. J.
HAMILTON, RUTH GAIL (*Domestic Art*)..... Two Rivers, Wis.
HANSON, ELMA MAY (*Domestic Science*)..... Milwaukee, Wis.
HARDING, KATHARINE V. (*German*)..... Nicholson, Pa.
HARRIS, AGNES ELLEN (*Domestic Science*)..... Rome, Ga.
HARVEY, F. ETHEL (*Physical Education*)..... West Point, Ia.
HATHAWAY, MAUDE CAROLINE (*Domestic Art*)..... Blissfield, Mich.
HAWK, CAROLYN BELL (*Primary Supervision*)..... Bloomsbury, N. J.
HEAL, FLORENCE AMELIA (*Fine Arts*)..... Oakfield, N. Y.
HICKS, BESSE MAY (*Elementary Supervision*)..... Allegan, Mich.
||HILL, ALICE TAYLOR (*German*)..... Brooklyn, N. Y.
HILL, HELEN GRANT (*Domestic Science*)..... New York City
HINSHELWOOD, MABEL (*Nature Study*)..... Jamesburg, N. J.
HOFFMANN, CHARLES J., JR. (*English*)..... New York City
HOYT, IRENE EMMA (*Kindergarten*)..... Poughkeepsie, N. Y.

* Diploma only. | Candidate for the A.B. degree.

HUNTER, FRANCES BEATRICE (*Domestic Art*).....New York City
HUYSSOON, MAGDALENA P. (*Primary Supervision*).....Paterson, N. J.
JACOBSON, SADIE LILA (*Domestic Art*).....New York City
JEFFERY, EMMA (*Domestic Science*).....Pittsburgh, Pa.
JOFFÉ, BETTY (*German*).....New York City
JOHNSON, ELIZABETH (*Geography, Elementary Supervision*).....Parkersburg, W. Va.
JOHNSON, LEILA GLOVER (*Industrial Arts*).....Marion, S. C.
JONES, LOUISE ELIZABETH (*Fine Arts*).....Oshkosh, Wis.
JONES, MARGARET MORDECAI (*Mathematics*).....Oxford, N. C.
KEMPER (MRS.), AUGUSTA HALL (*Domestic Science*).....New York City
KIERAN, MARGARET AGNES (*Domestic Art*).....New York City
KIRK, ANNIE BLANCHE (*English*).....Richmond, Va.
KISCH, STELLA DAVID (*Physical Education*).....Grantwood, N. Y.
KOCH, MERLE IRENE (*English*).....St. Clair, Pa.
KRELLENSTEIN, RAY (*Physical Education*).....New York City
KRUMBECK, WALTER (*Industrial Arts*).....Brooklyn, N. Y.
KUCK, HELEN E. (*Household Administration*).....New York City
||KUGLER, ANNA AUGUSTA (*Mathematics*).....New York City
LADD, MARGARET IDESON (*Physical Education*).....New York City
LAMBERT, LOUIS LUCIEN (*Music*).....New York City
LANE, ABIGAIL MATHIS (*Kindergarten Supervision*).....Englewood, N. J.
LANNING, IRENE MAY (*Kindergarten Supervision*).....Cuba, N. Y.
LELAND, ANNA (*Domestic Art, Domestic Science*).....Los Angeles, Cal.
LELAND, RAY LAUDER (*History*).....New York City
LEVIN, MIGNON (*Elementary Supervision*).....Baltimore, Md.
LOBDELL, GERTRUDE MAY (*Educational Psychology*).....Rockford, Ill.
LONGENECKER, ANNA BERTA (*History*).....Brooklyn, N. Y.
LOTZ, ELSA (*German*).....New York City
||LOVELL, GRACE GREENE (*Latin*).....New York City
LOWRY, ETHELWYN A. (*Fine Arts*).....St. Paul, Minn.
LYFORD, GENEVIEVE L. (*Kindergarten Supervision*).....Rock Island, Ill.
MACGREGOR, KATE MILLER (*Elementary Supervision*).....Hillburn, N. Y.
MACPHERSON, ELIZABETH CORDELIA (*Physical Education*).....Trenton, N. J.
MAHLER, ANNA BELLE (*German*).....New York City
MAPLE, EVERETT OLDEN (*Elementary Supervision*).....Angola, Ind.
MARSHALL, JOSEPHINE ATLEE (*Domestic Art, Domestic Science*).....Philadelphia, Pa.
MARSHALL, MAY (*Primary Teaching*).....New York City
MARTIN, FLORENCE J. (*Kindergarten*).....New York City
MATIENZO, CARLOTA DE (*Elementary Teaching*).....Ponce, P. R.
MATTESON, EMMA BUNN (*Domestic Science*).....Oneonta, N. Y.
MAYNARD, EMMA LOUISA (*Latin*).....Potsdam, N. Y.
MEYJES, ELIZABETH (*German*).....Berlin, Germany
MICHTOM, JOSEPH S. (*Mathematics*).....Brooklyn, N. Y.
MILLER, CLARA GAZLAY (*Domestic Science*).....New York City
MILLER, ISIDORE (*English*).....New York City
**MINAHAN, MARY ELIZABETH.....Calumetville, Wis.
MONTGOMERY, KATE STACKHOUSE (*English*).....Marion, S. C.
MORRISON, CAROLYN ELIZABETH (*Elementary Supervision*).....Rocklet, N. Y.
MURTLAND, CLEO (*Geography*).....Newark, N. J.
MUSA, AUGUSTINA (*Elementary Teaching*).....Rio Piedras, P. R.
**NASSAU, MARY BRUNETTE FOSTER.....Philadelphia, Pa.
||NOBIS, AGNES (*English*).....New York City
NUTTALL, LEONARD JOHN, JR. (*Elementary Supervision*).....Provo, Utah
OGDEN VERA FAYE (*Kindergarten*).....Martinsburg, Ia.

|| Candidate for the A.B. degree. ** Degree only.

O'Keefe, Louise Langley (*Biology*).....White Plains, N. Y.
Old, Annie Valerie (*Kindergarten*).....Montclair, N. J.
Olin, Blanche Marie (*Domestic Science*).....Akron, Ohio
Oppermann, Gertrude (*Kindergarten Supervision*).....New York City
Owens, Julia Louise (*History*).....Ridgefield, Conn.
Palmer, Alice Frances (*History*).....New York City
Pancake, Clara (*Domestic Science*).....Manhattan, Kan.
Parker, Linette Althana (*Nursing and Health*).....West Peabody, Mass.
Patterson, Martha (*Domestic Art*).....Normal, Ill.
Pegram, Wilhelmina (*History*).....Sherman, Tex.
Pettit, Sarah (*Domestic Science*).....Fredonia, N. Y.
Pettit, Walter W. (*Elementary Supervision*).....New York City
Phillips, Edna (*Domestic Art*).....New York City
Phillips, Julia (*Domestic Science*).....Goshen, N. Y.
Pierpont, Florence Mary (*English*).....Cassadaga, N. Y.
Pitner, Ina Klosking (*Domestic Art*).....Evanston, Ill.
Pomeroy, Gladys (*Biology*).....Newark, N. J.
Porter, Helen Maud (*Mathematics*).....Yonkers, N. Y.
Powell, Nancy Huff (*Latin*).....Woodview, Va.
Puig, Amérıca (*Domestic Science*).....Mayaguez, P. R.
Raeder, Anna Barbara (*Kindergarten Supervision*).....Passaic, N. J.
Randolph, Anita Winifred Fitz (*Domestic Science*).....Tama, Ia.
Randolph, Gail Hamilton (*Domestic Science*).....Tama, Ia.
Raphael, Samuel Solomon (*Industrial Arts*).....New Haven, Conn.
Reed, Mary Maud (*Elementary Supervision*).....Paterson, N. J.
Reid, Mabel Jean (*History*).....Aurora, Ill.
Reuther, William H. (*Industrial Arts*).....Depew, N. Y.
Rhoads, Gertrude (*English*).....Westtown, Pa.
Richards, Clarinda Chapman (*Fine Arts*).....New York City
Richardson, Rachel Tasker (*Fine Arts*).....Los Angeles, Cal.
Ries, Henry Ralph (*Industrial Arts*).....New York City
Ritt, Harold L. (*English*).....Brooklyn, N. Y.
Roach, Elizabeth Meikle (*Fine Arts*).....Akron, Ohio
Roach, Ethel M. (*Domestic Science*).....Akron, Ohio
Rogers, Bertha May (*Elementary Supervision*).....Somerville, Mass.
Rosenberg, Lucille (*Kindergarten*).....New York City
Ryland, Helena Mabel (*Domestic Science*).....Jonesboro, Tenn.
Sameth, Blanche (*Domestic Science*).....Perth Amboy, N. J.
Sameth, Elsie (*Physical Education*).....New York City
Schneider, Emilie (*German*).....Meriden, Ct.
Schwartz, Edward E. (*German*).....Brooklyn, N. Y.
Scott, Louis Berkow (*History*).....New York City
Seely, Louise H. (*Biology*).....Jersey City, N. J.
||Seveso, Angelina (*Mathematics*).....Brooklyn, N. Y.
Shurtz, Helen Meritt (*Music*).....New York City
Siegrist, Mary (*English*).....Lebanon, Pa.
Siepert, Albert Frederic (*Industrial Arts*).....Montclair, N. J.
Simmons, Margaret M. (*Kindergarten Supervision*).....Brooklyn, N. Y.
Simpson, Katherine Aby (*Mathematics*).....New York City
Sleffel, Katherine Frances (*Fine Arts*).....New York City
Smart, Alice Madeline (*Physical Education*).....New York City
Smith, Frank Drake (*Physical Education*).....Brooklyn, N. Y.
Smith, Helen (*Domestic Science*).....Denver, Col.
Smith, Hilda (*Domestic Science*).....Los Angeles, Cal.

|| Candidate for the A.B. degree.

SMITH, JULIA GERTRUDE (*Elementary Supervision*).....Rochester, N. Y.
SMITH, MARY GOODWIN (*English*).....Danville, Va.
SMITHEY, NELLIE CARSON (*Mathematics*).....Petersburg, Va.
SNYDER, ANNA ELEANOR (*English*).....Emporia, Kan.
SPERLING, HARRY (*Physical Education*).....Brooklyn, N. Y.
SPINING, HARRIET MONTFORT (*Primary Supervision*).....South Orange, N. J.
STANTON, WILLIAM HENRY (*Elementary Supervision*).....Brooklyn, N. Y.
STEELE, ELLEN (*Mathematics*).....Portland, Conn.
STEWARD, NELLIE LEIGH (*Elementary Supervision*).....Petersburg, Va.
STEWART, ELEANOR GRACE (*Biology, Nature Study*).....Pittsburgh, Pa.
STEWART, HUGH HENRY (*Industrial Arts*).....New York City
STEWART, JEAN JOSEPHINE (*Domestic Science*).....Youngstown, Ohio
STILES, MARGARET (*Domestic Science*).....Columbus, Wis.
STOWELL, WILLARD ALLEN (*Biology*).....Trenton, N. J.
SULLIVAN, ALICE STEPHANIE (*Elementary Supervision*).....New York City
SUMNER, BEATRICE (*Kindergarten*).....Akron, Ohio
SUNDERLAND, BELLE (*Domestic Science*).....Cleveland, Ohio
SWANSON, IDA MARIE (*Domestic Science*).....Escarola, Mich.
TANNER, JESSIE RAND (*Physical Education*).....Fort Plain, N. Y.
THOMAS, ALICE LILLIAN (*Domestic Science*).....Conneaut Lake, Pa.
THOMAS, FRIEDA M. (*Domestic Art*).....Jeffersonville, Vt.
THOMPSON, MARION KENDALL (*History*).....Brooklyn, N. Y.
TIFFANY, EDNA PARRISH (*Kindergarten*).....Nicholson, Pa.
TOPPING, HELEN FAVILLE (*Kindergarten*).....Monioka, Japan
TRIESCHMANN, HELENA FREDERICKA (*English*).....Wellman, Ia.
TSAO, FAUNG-YUIN (*Biology*).....Shanghai, China
VAN AUKEN, WILLIAM DOUGLASS (*Elementary Supervision*).....Mannsville, N. Y.
VAN INGEN, BERNARD JOSEPH (*Latin*).....Brooklyn, N. Y.
VAN WAGENEN, MARVIN JAMES (*English*).....Ohioville, N. Y.
WAITE, CHARLOTTE AUGUSTA (*Domestic Art*).....Kalamazoo, Mich.
WALLER, EMMA GILCHRIST (*English*).....Maryville, Tenn.
WALLIN, ALICE REBECCA (*Domestic Science*).....Detroit, Mich.
WARNE, ADELAIDE ALIDA (*Fine Arts*).....Syracuse, N. Y.
WAYMAN, GRACE LOUISE (*Biology*).....Stapleton, N. Y.
WEED, BERTHA ELAINE (*French*).....Wolcott, N. Y.
WEIL, JULIUS JAY (*Elementary Supervision*).....Chicago, Ill.
WEINTROB, RALEIGH (*Elementary Supervision*).....Atlantic City, N. J.
WELSMILLER, BLANCHE W. (*English*).....New York City
WESSA, ALICE (*Geography*).....New York City
WHITHAM, JESSIE ISABEL (*Physical Education*).....Platteville, Wis.
WILEY, BELLE (*Elementary Supervision*).....Rochester, N. Y.
WILEY, ELISE S. (*Mathematics*).....Brooklyn, N. Y.
WILKES, HELEN ELIZABETH (*Biology*).....New York City
WILLIAMS, ANNIE J. (*Elementary Supervision*).....Portmadoc, North Wales, England
WILLIAMS, WILLIAM REES (*Elementary Supervision*).....Hastings-on-Hudson, N. Y.
WILSON, JOHN R. (*Elementary Supervision*).....Paterson, N. J.
WILSON, JOSEPH (*Grammar Grades*).....Paterson, N. J.
WINCHESTER, ALMIRA MUNN (*Kindergarten Supervision*).....Merritton, Ontario
WINWARD, LEONORA EUGENE (*Fine Art*).....Tiverton, R. I.
WITTER, ROSA K. (*Primary Supervision*).....Kingston, N. Y.
WOOD, ANNABEL (*Elementary Supervision*).....Cordova, Md.
WOOD, CAROLINE C. (*Domestic Art*).....New York City
WOODWARD, ELIZABETH ASH (*Biology*).....West Chester, Pa.
WORTHINGTON, AGNES MABEL (*Geography*).....Baltimore, Md.
YORAN, MARY AMELIA (*Domestic Art*).....East Creek, N. Y.
ZENNECK, EMMA (*English*).....Weehawken, N. J.

Juniors

ABELES, BEATRICE (*French*) ..... New York City
ADAMS, SHERRED WILCOX (*English*) ..... Charleston, W.Va.
ALBERT, AMANDA ANNA (*Fine Arts*) ..... Espanola, Wash.
ALLEN, GRACE A. (*Kindergarten*) ..... Oswego, N. Y.
ALLEN, SARA THOMAS (*Household Administration*) ..... Dartmouth, Mass.
ANDRIX, EDITH (*Primary Supervision*) ..... Columbus, Ohio
ANGELL, MERTON ALMON (*Elementary Supervision*) ..... New York City
AUTEN, MADELEINE (*Domestic Science*) ..... Cass City, Mich.
BABCOCK, ELLA LOUISE (*Domestic Science*) ..... Manistee, Mich.
BARKSDALE, NAN HARVEY (*English*) ..... Milledgeville, Ga.
BARMORE, BESSY (*Primary Supervision*) ..... Fredonia, N. Y.
BARTLETT, GLENN (*Primary Teaching*) ..... Wauseon, Ohio
BARTLEY, MARCELLA A. (*Physical Education*) ..... New York City
BECKER, ALBERT ALEXANDER (*German*) ..... Brooklyn, N. Y.
BEHNKEN, ERNA L. (*Primary Supervision*) ..... Brooklyn, N. Y.
BENEDICT, MABEL IRENE (*Domestic Science*) ..... Yonkers, N. Y.
BENNETT, ROSS VERNON (*English*) ..... Sodus Center, N. Y.
BENTLEY, JEAN ELIZA (*Domestic Science*) ..... Cripple Creek, Col.
BESANÇON, BEATRICE ELIZABETH (*Mathematics*) ..... West Hoboken, N. J.
BIDSTRUP, GERDA (*Elementary Supervision*) ..... Brooklyn, N. Y.
BINKLEY, LELIA TYLER (*Physical Education*) ..... Gainesville, Texas
BINKLEY, RALSTON (*History*) ..... New York City
BLACKISTAN, HELEN (*Geography*) ..... Hampton, Va.
BLODGETT, ELIZABETH (*Primary Supervision*) ..... New York City
BOEGEHOLD, HILDA LOUISE (*Domestic Art*) ..... Mt. Vernon, N. Y.
BOOTH, MARY L. (*Industrial Arts*) ..... Cape Girardeau, Mo.
BOSWORTH, MARGUERITE BLANCHE (*Kindergarten Supervision*) ..... New York City
BOSWORTH, MINNIE S. (*Fine Arts*) ..... Providence, R. I.
BOUTWELL, ANNA (*Domestic Science*) ..... Burlington, Vt.
BRADY, KATHARINE ROGERS (*History*) ..... Brooklyn, N. Y.
BRENNEMAN, LEO LESLIE (*Elementary Supervision*) ..... Pottstown, Pa.
BRETT, ANNA (*English*) ..... Flushing, N. Y.
BRETT, EDITH MARILLA (*English*) ..... Flushing, N. Y.
BROOKES. DAISY ELIZABETH (*Domestic Science*) ..... Winston-Salem, N. C.
BROOKMYER, IVAN LUTZ (*Physical Science*) ..... Neffsville, Pa.
BROOKS, LILLIAN MARY (*History*) ..... New York City
BROWN, ALICE KATHERINE (*Fine Arts*) ..... Brooklyn, N. Y.
BRYAN, EDWARD HOLCOMBE (*Elementary Supervision*) ..... Hackensack, N. J.
BUERMEYER, META DOROTHEA (*Music*) ..... Brooklyn, N. Y.
BULLOCK, CHARLOTTE MARY (*Domestic Science*) ..... Honesdale, Pa.
BUNCE, EDGAR F. (*School Administration*) ..... Lodi, N. J.
BURCHAN, LUELLA MARGARET (*English*) ..... New York City
**BURFITT, LEILA R. GODFREY ..... Lebanon Springs, N. Y.
BUSCHER, GERTRUDE (*Elementary Supervision*) ..... Indianapolis, Ind.
BUSECK, LENA (*German*) ..... Passaic, N. J.
BUSHNELL, EDNA JEAN (*Domestic Science*) ..... Brookings, S. D.
CALLAWAY, THEODOSIA TUCKER (MRS.) (*Mathematics*) ..... Nevada, Mo.
CAMPBELL, EVELYN MILDRED (*Primary Supervision*) ..... Forsyth, Ga.
CAMPBELL, VIOLA HORTENSE (*Domestic Science*) ..... Yonkers, N. Y.
CHAFFEE, CATHERINE EDITH (*English*) ..... Yonkers, N. Y.
CHAIM, HENRY ISADOR (*History*) ..... Oroville, Cal.
CHILD, MARGUERITE BEATRICE (*English*) ..... Oneonta, N. Y.

** Degree only.

CHILDS, EMMA LUCENA (*Household Administration*).....Ypsilanti, Mich.
CILLY, LUCIA HUBBARD (*Primary Grades*).....Brooklyn, N. Y.
CLARK, WILLIAM EBERT (*Music*).....Richmond Hill, N. Y.
CLEMENS, MAYNARD ARTHUR (*English*).....New York City
COHEN, JACOB (*English*).....New York City
COHEN, PHILIP (*History*).....New York City
COLLINS, EDITH MCCREARY (*Mathematics*).....Baltimore, Md.
CONNOLLY, JAMES F. (*Elementary Supervision*).....Cornwall-on-Hudson, N. Y.
COOPER, ISABEL SUTHERLAND (*Physical Education*).....New York City
COOPER, NETTIE EUGENIA (*Mathematics*).....Oxford, Ala.
CORNBROOKS, MARIAN EDITH (*Domestic Science*).....Moline, Ill.
COY, GEORGIA VALENTINE (*Biology*).....San Diego, Cal.
DALY, MARY REGINA (*History*).....Little Neck, N. Y.
DANA, IRENE BROCKWAY (*Domestic Science*).....Muskegon, Mich.
DAVIDSON, MARY ELIZABETH SPENCE (*Biology*).....Weehawken, N. J.
DAY, LENA LAWRENCE (*Elementary Supervision*).....East Orange, N. J.
DE LIMA, EDITH ABINUN (*Household Administration*).....New York City
DENNISTON, MARY (*Primary Teaching*).....Washingtonville, N. Y.
DESHEL, MORRIS CHARLES (*History*).....New York City
DUNNE, FLORENCE (*Domestic Science*).....New York City
EATON, GERTRUDE FRANCES (*Elementary Supervision*).....Duluth, Minn.
EBELING, ELSA A. (*German*).....Brooklyn, N. Y.
EBNETH, THERESA MARGARET (*German*).....New York City
ELLERT, JOHN FRANCIS (*Physical Education*).....New York City
ENGLISH, WARREN (*Industrial Arts*).....May's Landing, N. J.
ERWIN, RACHEL (*Kindergarten*).....Oak Park, Ill.
FARRELL, CHARLOTTE DALY (*English*).....Rahway, N. J.
FEELY, CLARA (*Domestic Art*).....Rochester, N. Y.
FERN, IRVING WILLIAM (*German*).....Brooklyn, N. Y.
FERRIS, EVELYN MARGUERITE (*Domestic Science*).....Hudson Falls, N. Y.
FIERO, MAUDE LOUISE (*History*).....Round Top, N. Y.
FISHBECK, FRANCES C. (*Mathematics*).....Ridgefield Park, N. J.
FLETCHER, GRACE BROWNELL (*Mathematics*).....Trenton, N. J.
FLYNN, MARIE ELLEN (*Physical Education*).....New York City
FOREST, KATHERINE (*Fine Arts*).....New York City
FOX, CHARLES JAMES, JR. (*Industrial Arts*).....Los Angeles, Cal.
FOX, JENNIE HAZEL (*Domestic Science*).....Loyalsock, Pa.
FRENCH, OLIVE MARIA (*Domestic Science*).....Oberlin, Ohio.
FULLER, ODA RUTH (*Music*).....Cedar Falls, Ia.
FULLGRAFF, MAY A. (*Fine Arts*).....New York City
GENTNER (MRS.), LYDIA ROGERS (*Mathematics*).....Pocatello, Idaho
GILBERT, KATHARINE (*Physical Education*).....Burlington, Ia.
GLOVER, HARRIET M. (*History*).....Dundee, N. Y.
GOLDSTONE, MARION CLARA (*English*).....New York City
GOLL, BERTHA CLEMENCE (*English*).....Brooklyn, N. Y.
GORDON, LOUIS (*Mathematics*).....Washington, D. C.
GOTTLIEB, GEORGE JOSEPH (*Grammar Grades*).....New York City
GOUGH, ZELLA MARY (*Domestic Science*).....Mt. Vernon, N. Y.
GRAY, JULIET GUYER (*English*).....Stormstown, Pa.
GRAY, LILLIAN (*English*).....Fort Plain, N. Y.
GREENOUGH, FLORA MAY (*History*).....Newton Centre, Mass.
GREENWOOD, MARGARET (*Grammar Grades*).....Rochester, N. Y.
HAFF, VIOLA MABEL (*Kindergarten*).....Yonkers, N. Y.
HALE, ALFARETTA MAY (*Domestic Science*).....Brooklyn, N. Y.
HALL, CORA E. (*Domestic Science*).....Portland, Me.
HALL, MARIE ALINE (*Fine Arts*).....San José, Cal.

HALSEY, KATHERINE TREMAN (*Kindergarten*).....Bronxville, N. Y.
HANSON, THERESA (*Primary Teaching*).....Mamaroneck, N. Y.
HARPER, ANNIE ELIZA (*Elementary Supervision*).....Milledgeville, Ga.
HENDRICKSON, EVA T. (*Primary Teaching*).....White Plains, N. Y.
HERMAN, HENRIETTA RENA (*English*).....Danville, Va.
HERRMANN, HATTIE (*Mathematics*).....New York City
HIGGINS, MARY (*Primary Supervision*).....New York City
HIGGINS, MARY (*Biology*).....Sturgeon Bay, Wis.
HILL, JESSICA MATIERE (*English*).....Louisville, Ky.
HOTALING, ETHEL MARIE (*English*).....Albany, N. Y.
HOURIHAN, DANIEL BERNARD (*History*).....Winthrop, N. Y.
HOWARD, ALICE LOUISE (*Fine Arts*).....Brooklyn, N. Y.
HUNT, MARY BATES (*Elementary Supervision*).....Brockton, Mass.
INGLES, NELLIE GRANT (*French*).....Hobart, N. Y.
INGRAM, VIOLET (*Physical Science*).....Brooklyn, N. Y.
*IRWIN, EDITH COELIA (*Domestic Art*).....New York City
IVES (MRS.), HENRIETTA APPLEBY (*Nursing and Health*).....Hackensack, N. J.
JOHNSON, GRACE MAY (*English*).....New York City
JOHNSON, OLEY ANDER (*Mathematics*).....Newport, Ky.
JONES, ETHEL (*Domestic Science*).....Hicksville, N. Y.
KAPLAN, PETER GEORGE (*History*).....New York City
KAUFMAN, BENJAMIN (*Mathematics*).....New York City
KEARNEY, LEO IGNATIUS (*Elementary Supervision*).....New York City
KENNEDY, PAUL ALFRED (*Elementary Supervision*).....Brooklyn, N. Y.
KESSEL, THERESE (*Fine Arts*).....Brooklyn, N. Y.
KIRTLAND, JEAN V. (*English*).....South Bethlehem, N. Y.
KOEHLER, BERTHA KATRINA (*Kindergarten Supervision*).....Angola, N. Y.
KREADY, LAURA FRY (*Primary Teaching*).....Lancaster, Pa.
KRONMAN, SAMUEL (*History*).....New York City
LANGFORD, JOHN E. (*History*).....New Rochelle, N. Y.
LANGFORD, MARIAN MURRAY (*Primary Teaching*).....New York City
LE ROY, WALTER IRVING (*Industrial Arts*).....New York City
LOAG, MARIAN ADELE (*Elementary Supervision*).....Port Deposit, Md.
LUCE, ERNEST BURT (*Elementary Supervision*).....Ridgefield Park, N. J.
LYMAN, LOIS (*Domestic Science*).....Manasquan, N. J.
LYNCH, LESLIE OTIS (*Elementary Supervision*).....White Plains, N. Y.
LYON, HENRIETTA BALD (*Domestic Science*).....Williamsport, Pa.
MCCLANE, MAY (*Elementary Supervision*).....Mt. Vernon, Ohio
MCCRAE, ANNIE (*Fine Arts*).....New York City
MCKNIGHT, THERON LINCOLN (*Mathematics*).....Central Valley, N. Y.
MCLAURY, HARRIET E. H. (*Primary Teaching*).....Deposit, N Y.
MACPHERSON, LYDIA BLEU (*Domestic Science*).....Trenton, N. J.
MACY, MARY SUTTON, M.D. (*English*).....New York City
MALONE, MARY AGNES (*Physical Education*).....New York City
MANN, CLARA FITZGERALD (*History*).....Groveland, N. Y.
MARCH, M. BLANCHE (*Physical Education*).....Spring City, Pa.
MARKS, HELEN GRACE (*Kindergarten*).....Rochester, N. Y.
MARTIN, MILDRED GRACE (*Domestic Science*).....Oakfield, N. Y.
MARTIN, NANCY LAYTON (*English*).....Sussex, N. J.
MATHES, FANNIE PENDEXTER (*English*).....Dover, N. H.
MEADS, HELEN M. (*Domestic Science*).....Buffalo, N. Y.
MEARES, KATE DE ROSSET (*Latin*).....Ridgeway, S. C.
MELVIN, HELEN MARGUERITE (*English*).....Forrestville, N. Y.
MIGNON, HELEN LEONIE (*Domestic Science*).....San José, Cal.

* Diploma only.

MILES, SARA (*History*)..... Kingston, Pa.
MOMBERT, ANNE THEODORA (*German*)..... Paterson, N. J.
MORTON, LOLA (*Domestic Art*)..... Warrensburg, Mo.
MUEHLECK, LUCY ELIZABETH (*German*)..... Hoboken, N. J.
MURPHY, WILLIAM ANTHONY (*Physical Science*)..... Brooklyn, N. Y.
NE SMITH, MARY ETHEL (*Latin*)..... Lake City, S. C.
NEVILLE, ELEANOR S. (*English*)..... Lindenhurst, L. I.
O'GRADY, WINIFRED HENRIETTA (*Domestic Science*)..... Burt, N. Y.
OLIVER, MARY PAULINE (*History*)..... Winston-Salem, N. C.
OSTLIN, ELDOR CARL (*Physical Education*)..... New York City
OSTROFF, ROSE (*French*)..... New York City
OSWELL, KATHARINE F. (*English*)..... New York City
PARCIL, ELIZABETH EBBERT (*English*)..... Westfield, Ill.
PARKER, CLARA MABEL (*Domestic Science*)..... Grinnell, Ia.
PATTERSON, HELENA MAY (*English*)..... Windham, N. Y.
PATTON, MARGARET FRENCH (*Kindergarten*)..... Lexington, Va.
PECK, FLORENCE ELIZABETH (*Domestic Science*)..... Meadville, Pa.
PELTON, CLAIR WALKER (*Elementary Supervision*)..... Paterson, N. J.
**PERNESSIN, NOEMI..... New York City
PRATS, ELENA RAFAELA (*Biology*)..... Mayaguez, P. R.
PRICE, MARGARET LIGHTFOOT (*Kindergarten*)..... Moylan, Pa.
REICHARD, SAMUEL (*History*)..... Brooklyn, N. Y.
RIKERT, RACHEL LILLIE (*Kindergarten*)..... Clinton Corners, N. Y.
RIVERS, MABEL V. (*English*)..... New York City
ROBERTS, FLORENCE SEAVEY (*English*)..... Utica, N. Y.
ROBERTSON, ISABEL (*English*)..... Paterson, N. J.
ROBSON, ETHEL (*Elementary Supervision*)..... Middleport, N. Y.
RONALDS, CAROLINE ELIZABETH (*Domestic Science*)..... New York City
ROSS, MAY DAVINA (*Biology*)..... Flushing, N. Y.
SCHACHTER, FRANK (*Biology*)..... New York City
SCHEINBACH, MAX HENRY (*History*)..... New York City
SCHNEIDER, ELIZABETH TEUTONIA (*History*)..... Hoboken, N. J.
SCHOLES, BEATRICE (*Physical Education*)..... Brooklyn, N. Y.
SCHOTT, MARTHA (*Mathematics*)..... New York City
SCHWARTE, VIRGINIA (*German*)..... Saratoga Springs, N. Y.
SHAFFER, BLANCHE ELAINE (*Domestic Science*)..... Andes, N. Y.
SHANNON, ANNA M. (*Elementary Supervision*)..... Hollis, L. I.
SHELDON, HELENA (*English*)..... Paterson, N. J.
SHELTON, ALTA (*History*)..... Florence, Ala.
SHERIDAN, JOSEPH A. (*Mathematics*)..... New York City
SHIMER, MARY BLANCHE (*Primary Teaching*)..... Easton, Pa.
SKINNER, GERTRUDE E. (*Kindergarten Supervision*)..... Barton, Vt.
SKINNER, JENNIE LOIS (*Geography*)..... New York City
SKOLNICK, ISIDORE (*Mathematics*)..... New York City
SMITH, FRANCES MINERVA (*Elementary Supervision*)..... Minneapolis, Minn.
SMITH, LAURA GOODING (*Domestic Art*)..... Naples, N. Y.
SMITH, STEPHEN VELSOR (*History*)..... Port Washington, N. Y.
SNODDY, MARY BARD (*Educational Psychology*)..... Warrensburg, Mo.
SPRAGUE, HARRY ALONZO (*Elementary Supervision*)..... Ellington, N. Y.
SPURR, E. EUPHEMA (*History*)..... Brockport, N. Y.
STADLER, BLANCHE FANNIE (*Kindergarten*)..... New York City
STAGE, JENNIE M. (*French*)..... New York City
STONE, LOUIS (*Mathematics*)..... New York City
TANNER, BLANCHE LAWE (*Elementary Supervision*)..... Kaukauna, Wis.

** Degree only.

TAWYER, MARY ANNE (*Elementary Supervision*) ..... Sydney, New South Wales
TAYLOR, EDITH LOUISE (*Fine Arts*) ..... New York City
THAYER, MAUDE HAYES (*Domestic Science*) ..... Grand Rapids, Mich.
TOWLER, MAY BELLE (*Domestic Art*) ..... Minneapolis, Minn.
TREMPER, CLARA LOUISE (*Mathematics*) ..... Rhinebeck, N. Y.
TROXELL, ELEANOR (*Primary Supervision*) ..... Chicago, Ill.
TUCKER, ELIZABETH LEE (*Primary Teaching*) ..... Hamburg, N. Y.
TUPPER, KATHARINE (*Domestic Science*) ..... Glens Falls, N. Y.
TUTHILL, CHARLES SCOTT (*Elementary Supervision*) ..... Jamaica, N. Y.
TYLER, GENEVIEVE E. (*Geography*) ..... East Orange, N. J.
ULANOFF, FRANCES (*Biology*) ..... New York City
VAIL, EDNA (*Primary Supervision*) ..... Hamden, N. Y.
VALENTINE, EDWINA SARAH (*Kindergarten*) ..... Brooklyn, N. Y.
VANCE, JULIA (*Domestic Science*) ..... Milford, Neb.
VAN HORNE, KATHARINE (*Domestic Science*) ..... Morristown, N. J.
VEVIA, ALICE CATHERINE (*Fine Arts*) ..... Muskegon, Mich.
WALLACE, LUCY BRYANT (*English*) ..... New York City
WALTHER, THEDA (*Fine Arts*) ..... New York City
WARDELL, SAMUEL EDWIN (*Industrial Arts*) ..... Orange, N. J.
WARREN, SUSAN FLORENCE (*Physical Education*) ..... Eastford, Conn.
WATROUS, GRACE H. (*English*) ..... Galva, Ill.
WATSON, SUSAN AUGUSTA (*Nursing and Health*) ..... Winchendon, Mass.
WECKMANN, LUISE (*German, French*) ..... Bielefeld, Germany
WEHLE, HANNA (*German*) ..... New York City
WEINTROB, JOSEPH (*Elementary Supervision*) ..... Atlantic City, N. J.
WELLS, MARGARET ELIZABETH (*Elementary Supervision*) ..... Reading, Pa.
WEST, GRACE ELIZABETH (*English*) ..... Princeton, Mass.
WHITE, GLADYS MARTHA (*Domestic Science*) ..... South Glens Falls, N. Y.
WILFORD, MARY GERTRUDE (*Latin*) ..... New York City
WILSON, PRISCILLA ORR (*Physical Education*) ..... Binghamton, N. Y.
WINANS, MAY RUTH (*Elementary Supervision*) ..... Binghamton, N. Y.
WINSLOW, ISABELLE F. (*Primary Supervision*) ..... Brooklyn, N. Y.
WOLFFRAM, ANNA (*Domestic Art*) ..... New York City
WOOD (MRS.), LILA (*Domestic Science*) ..... Fredericktown, Mo.
ZIMBAL, SAMUEL (*English*) ..... New York City

Candidates for Special Diploma or Certificate

SECOND YEAR

ADAMS, ANNE (*Domestic Science*) ..... Middleburg, Va.
ADAMS, VIVIAN (*Kindergarten*) ..... New York City
ANGELL, DAISY BLANCHE (*Domestic Science*) ..... South Corinth, N. Y.
BACKUS, EMMA ELIZABETH (*Domestic Art*) ..... Toledo, Ohio
BARNS, NANCY LUCILLE (*Kindergarten*) ..... Chatham Hill, Va.
BATCHELOR, MARY (*Domestic Science*) ..... Vernon, Ind.
BATTERMAN, MAY JANET (*Kindergarten*) ..... Brooklyn, N. Y.
BAXTER, KATHRYN HAMILTON (*Music*) ..... Grand Rapids, Mich.
BEYERMANN, FREDERICK GEORGE (*Physical Education*) ..... New York City
BOSTWICK, SARA WELLS (*Kindergarten Supervision*) ..... Montclair, N. J.
BRADISH, ETHELWYN C. (*Fine Arts*) ..... Springfield, Ill.
BRADLEY, HELEN (*Kindergarten*) ..... Wheeling, W. Va.
BRAY, CORINNE BEATRICE (*Domestic Science*) ..... Detroit, Mich.
BREESE, LAURA B. (*Domestic Science*) ..... Waukesha, Wis.
BROWN, GRACE LILLIAN (*Kindergarten Supervision*) ..... New York City
BUQUO, HELEN (*Domestic Science*) ..... Knoxville, Tenn.

BURGESS, ELIZABETH CHAMBERLAIN (*Nursing and Health*).....New Haven, Conn.
BURNHAM, ETHEL (*Domestic Science*).....St. Louis, Mo.
BURNS, FANNIE (*Domestic Science*).....Pima, Ariz.
BUTLER, MARIE (*Kindergarten*).....New York City
CAPRON, EVA LOUISE (*Kindergarten Supervision*).....Verona, N. J.
CIRINO, ANTONIO (*Fine Arts*).....Providence, R. I.
CLARK, FLORENCE (*Fine Arts*).....Shannock, R. I.
COATES, SADIE ADELINE (*Domestic Science*).....Salt Lake City, Utah
COLLINS, MARY SUSAN (*Fine Arts*).....Bay City, Mich.
CRANDALL, MARGARET (*Domestic Art*).....New York City
CRAWFORD, MABEL HAMILTON (*Fine Arts*).....Milledgeville, Ga.
CRISMAN, BESS MORITZ (*Domestic Science*).....Salina, Kan.
CRISTY, ELIZABETH (*Industrial Arts*).....New York City
CROPSEY, MARY HOAGLAND (*Domestic Art*).....Brooklyn, N. Y.
CURTIS, HELEN LOUISE (*Domestic Science*).....Stratford, Conn.
DALTON, ANNA THERESA (*Domestic Science*).....Tracy, Minn.
DALY, CHARLES, JR. (*Industrial Arts*).....Newburgh, N. Y.
DART, EDNA RACHEL (*Domestic Science*).....Lawrence, Kan.
DENMAN, OLIVE MERCIA (*Fine Arts*).....Palestine, Tex.
DIETZ, MARY LOUISE (*Primary Supervision*).....Madison, Ind.
DOWDALL, LEONORA EMILY (*Elementary Supervision*).....De Kalb, Ill.
DUNHAM, HELEN (*Domestic Science*).....Fort Erie, Ontario
EAKINS, MARTHA ST. JOHN (*Nursing and Health*).....Flushing, N. Y.
EATON, DOROTHY (*Kindergarten*).....Montclair, N. J.
ELLIOTT, ELEANOR ANN (*Primary Teaching*).....Sea Bright, N. J.
FARNSWORTH, EDNA A. (*Domestic Science*).....Oakfield, N. Y.
FISHER, ANNE FULLER (*Domestic Art*).....New York City
FLETCHER, FRANCES R. (*Elementary Supervision*).....Streator, Ill.
FOX, VIRGINIA LLOYD (*Fine Arts*).....Plainfield, N. J.
GEARING, MARY EDNA (*Domestic Science*).....Houston, Tex.
GILBERT, TERENCE WARD (*Industrial Arts*).....Mannsville, N. Y.
GLEASON, HELEN (*Domestic Art*).....Marshall, Mo.
GLEASON, JULIA (*Domestic Art*).....Marshall, Mo.
GODFREY, VERA M. (*Domestic Science*).....New York City
GODWIN, ALICE C. (*Domestic Science*).....Grand Rapids, Mich.
GOLDSMITH, CLARENCE S. (*Industrial Arts*).....Newburgh, N. Y.
GOWELL, PRUDENTIA BROWNE (*Fine Arts*).....Linwood, Kan.
GRANT, MARY ALMA (*Domestic Arts*).....East Providence, R. I.
GRAY, ANNIE M. (*Domestic Science*).....Toronto, Can.
GREEN, MARIA CONCHITA (*Kindergarten*).....Chihuahua, Mex.
GREENBURG, DAVID SOLON (*Fine Arts*).....Jamaica, N. Y.
HAARER, MARY CATHRINE (*Nursing and Health*).....Ann Arbor, Mich.
HANSON, FLOY KATHERINE (*Fine Arts*).....Memphis, Tenn.
HARRIS, RUTH GREEN (*Fine Arts*).....New York City
HARTLEY, VIVA JEANETTE (*Domestic Science*).....Rhinebeck, N. Y.
HASLER, EDITH B. (*Kindergarten*).....London, England
HASTINGS, ELSIE MARY (*Fine Arts*).....New York City
HAVENS, GERTRUDE (*Fine Arts*).....Red Hook, N. Y.
HERZ, ELSIE (*Domestic Art*).....New York City
HESS, ELIZABETH MAY (*Domestic Science*).....Bethlehem, Pa.
HINMAN, OLIVE MAY (*Fine Arts*).....Knoxville, Tenn.
HOGAN, THOMAS A. (*Industrial Arts*).....Stamford, Conn.
HULL, CAROLINE COMSTOCK (*Domestic Science*).....Cincinnati, Ohio
HULL, MARGARET C. (*Domestic Science*).....Salt Lake City, Utah
HUNTER, JEAN ALISON (*Nursing and Health*).....Montreal, Canada
JACOBSON, HARRIET H. CHASE (*Domestic Science*).....Portland, Me.

JAMES, MARGUERITE GARDINER (*Kindergarten*)..... Bloomfield, N. J.
JOHNSON, ANNIE LOUISE (*Domestic Science*)..... Hamilton, Kan.
KELLSEY, MARGARET STEWART (*Kindergarten*)..... Englewood, N. J.
KERR, ETHEL MABEL (*Domestic Science*)..... Schoharie, N. Y.
KING, HAZEL WILDONIER (*Physical Education*)..... Bay Shore, L. I.
KNOLLENBERG, CAROLINE EUGENIA (*Domestic Science*)..... Jacksonville, Ill.
LANCASTER (MRS.), LULU ROBINSON (*Domestic Art*)..... Pasadena, Cal.
LATZKE, CAROLINE (*Fine Arts*)..... New York City
LEO, EVELYN (*Domestic Art*)..... New York City
LESLIE, ALICIA GORDON (*Household Administration*)..... Newburgh, N. Y.
LIDBETTER, MARY (*Fine Arts*)..... Wolverhampton, England
LOUIS, MARIE (*Household Administration*)..... New York City
MCCLURE, EMILY (*Physical Education*)..... Brooklyn, N. Y.
MCCLURE, HELEN (*Domestic Science*)..... New York City
MCCORMICK, ELIZABETH ROSALIE (*Elementary Supervision*)..... Superior, Wis.
MCILROY, ALICE ABIGAIL (*Kindergarten*)..... New York City
MCKNIGHT, ELIZABETH (*Kindergarten*)..... New York City
MALTBY, LOUISE HUMPHREY (*Fine Arts*)..... Kansas City, Mo.
MANFUL, HARRIET (*Physical Education*)..... Cedar Falls, Ia.
MASON, JOSEPHINE BEVERLY (*Kindergarten*)..... Washington, D. C.
MAYER, EVELYN SUSIE (*Fine Arts*)..... Leadville, Col.
MAYER, VIOLA (*Music*)..... New York City
MITCHELL, ELIZABETH HALSEY (*Domestic Science*)..... Susquehanna, Pa.
MONTGOMERY, ESTHER ALEXANDER (*Primary Grades*)..... Williamsport, Pa.
MOORE, LEILA GERTRUDE (*Grammar Grades*)..... Montgomery, Ala.
MOORE, MADELEINE MAY (*Domestic Science*)..... Wilkinsburg, Pa.
MORITZ, ANTONIA JOHANNA (*Fine Arts*)..... New York City
MORRISEY, LAURETTA ISABELLE (*Domestic Science*)..... Grand Rapids, Mich.
MOSKOWITZ, DAVID EZEKIEL (*Industrial Arts*)..... New York City
NESBITT, FLORENCE (*Domestic Science*)..... St. Joseph, Mo.
OLSON, IDA VICTORIA (*Domestic Science*)..... Escanaba, Mich.
PALMER, LEONARD LESTER (*Physical Education*)..... New York City
PALMER, STELLA (*Domestic Science*)..... Montevallo, Ala.
PAULDING, VIRGINIA (*Domestic Science*)..... Huntington, L. I., N. Y.
PEASE, HUBERT UDELL (*Industrial Arts*)..... Springfield, Mass.
PENDLETON, EO. (*Primary Teaching*)..... Bryn Athyn, Pa.
PENNELL, MARY ELIZABETH (*Kindergarten Supervision*)..... Westbrook, Me.
PERKINS, JOSEPHINE (*Domestic Science*)..... Amsterdam, N. Y.
PHOENIX, LYDIA ELLEN (*Domestic Science*)..... Troy, Pa.
PLIMPTON, LOIS ELIZABETH (*Domestic Art*)..... Chicago, Ill.
PRATT, MARY BRIGHAM (*Kindergarten Supervision*)..... Wellesley Hills, Mass.
PRITCHARD, MARGARET M. (*Domestic Science*)..... Lisbon, Ohio
REGAN, MARIE LAVINIA (*Fine Arts*)..... New York City
RICKER, MARION CAMPBELL (*Domestic Science*)..... Malden, Mass.
RIECKER, ELIZABETH CATHRINE (*Primary Supervision*)..... Harrisville, Mich.
ROAKE, LANETTA (*Domestic Science*)..... Peekskill, N. Y.
ROSS, JESSIE DOBSEN (*Domestic Science*)..... Hanover, Ontario, Canada
ROWSON, LAURA LOWELLA (*Domestic Science*)..... Grand Rapids, Mich.
RUST, RIETTA JOY (*Primary Supervision*)..... Gallipolis, Ohio
SALISBURY, MARGARET (*Elementary Supervision*)..... Whitewater, Wis.
SCHUMAN, CLYDE BEATRICE (*Domestic Science*)..... Savannah, Ga.
SHAFFER, IDA LUCINDA (*Domestic Art*)..... Kalamazoo, Mich.
SHELDON, MARY AMELIA (*Fine Arts*)..... New York City
SHERWOOD, JEANNETTE (*Kindergarten*)..... New York City
SLAYMAKER, AGNESS BOWMAN (*Fine Arts*)..... Kittanning, Pa.
SLOCUMB, ELIZA EVANS (*Fine Arts*)..... Goldsboro, N. C.

SMEETON, MARY ALICE (*Nursing and Health*).....S. Collingham, England
SMITH, MARY READ (*Elementary Supervision*).....Anniston, Ala.
SOLENDER, SAMUEL SOLOMON (*Industrial Arts*).....New York City
SPENCER, MARY (*Fine Arts*).....Brooklyn, N. Y.
SWEESY, LAURETTA VIRGINIA (*Music*).....Berkeley, Cal.
TATGE, AGATHA MARIE (*Nursing and Health*).....Chicago, Ill.
TERRY, CLARA JEANNETTE (*Domestic Science*).....Madison, Wis.
THORNTON, ANNA CECILIA (*Physical Education*).....New York City
TILL, CHRISTINA (*Domestic Science*).....Flatbush, N. Y.
TROWBRIDGE, M. CHARLOTTE (*Domestic Art*).....Toledo, Ohio
VAN ARSDALE, FANNIE A. (*Domestic Science*).....Mt. Vernon, N. Y.
VAN HORNE, ELIZABETH GERTRUDE (*Domestic Science*).....Hollywood, Cal.
WALSH, NELLY (*Fine Arts*).....Nashville, Tenn.
WESTFALL, MARTHA LILIAN (*Domestic Science*).....Delaware, Ohio
WHITNEY, JENNIE (*Domestic Science*).....Keeseville, N. Y.
WILSON, ANNA T. (*Primary Supervision*).....Worcester, N. Y.
WILSON, EVA (*Domestic Science*).....Bridgeport, Conn.
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WRIGHT, LILY DELAMARE (*Primary Grades*).....New York City

FIRST YEAR

ALLEN, JOSEPHINE (*Domestic Science*).....Passaic, N. J.
ALLGEIER, AMELIA W. (*Domestic Science*).....Elmira, N. Y.
ALLISON, GRACE EVELYN (*Nursing and Health*).....Portland, Ore.
ANDERSON, LUCY ANN (*Nursing and Health*).....Los Angeles, Cal.
ANDERSON, NANCY A. (*Domestic Science*).....Charlotte, N. C.
ARMSTRONG, CHARLOTTE MORGAN (*Primary Teaching*).....Nashville, Tenn.
ARMSTRONG, GRACE BESSILENE (*Domestic Science*).....Salina, Kan.
ARTHUR, LENNIE BERTHA (*Nursing and Health*).....Liverpool, Canada
ATKINSON, LOUISE SIBLEY (*Kindergarten Supervision*).....Brooklyn, N. Y.
BARTLETT, LOUISE (*Domestic Science*).....Alameda, Cal.
BARWIS, BERTHA M. (*Kindergarten Supervision*).....Trenton, N. J.
BASSETT, ELIZABETH BARTON (*Domestic Science*).....New York City
BELLOWS, MARY LAWTON (*Domestic Science*).....Yonkers, N. Y.
BERNHEIMER, ERMA (*Kindergarten*).....Montgomery, Ala.
BETTYS, LAVINA (*Domestic Art*).....Detroit, Mich.
BEVERIDGE, HELEN SARA (*Domestic Science*).....Paterson, N. J.
BOYER, HELEN DOROTHY (*Fine Arts*).....Nashua, Ia.
BRANCH, ROBERTA LOUISE (*Music*).....Orlando, Fla.
DE BRETTEVILLE, MAUD LE NORMAND (*Elementary Science*).....Lihue, Kanai, T. H.
BROWN, EDNA JANE (*Domestic Art*).....New Haven, Conn.
BUCHANAN, HANNA (*Nursing and Health*).....Cleveland, Ohio
BUCKLEY, MARY MARGARET (*Domestic Science*).....South Bend, Ind.
BUNN, AMY ELIZABETH (*Kindergarten Supervision*).....Richmond Hill, L. I.
BURCH, URSULA (*Music*).....Yonkers, N. Y.
BURKE, AGNES (*Kindergarten Supervision*).....Winona, Minn.
BUSICK, MATHILDA (*Kindergarten Supervision*).....New York City
CANFIELD, LUELLA M. (*Domestic Art*).....Onondaga Valley, N. Y.
CAPRON, EDITH LITTLEFIELD (*Domestic Art*).....New York City
CARPENTER, FRANCES RUTH (*Fine Arts*).....Elberton, Ga.
CATTELL, ELETH (*Nature Study*).....Garrison-on-Hudson, N. Y.
CHAPIN, MARY TURNER (*Domestic Science*).....Oberlin, Ohio
CLARK, GEORGE ELMORE (*Industrial Art*).....New York City
CLAYTON, S. LILLIAN (*Nursing and Health*).....Philadelphia, Pa.

CLOW, THERESA A. (*Domestic Science*) ..... Stuyvesant, N. Y.
COLEMAN, CONSTANCE L. (*Kindergarten*) ..... Mt. Vernon, N. Y.
CONDON, JEANNETTE (*Physical Education*) ..... Baltimore, Md.
CONGER, THEODORA (*Music*) ..... Newark, N. J.
COOPER, NELLIE (*Primary Teaching*) ..... Fountain City, Tenn.
CORNELL, LOUISE ELISABETH (*Fine Arts*) ..... Greenwich, N. Y.
CORWIN, MARGARET ELIZABETH (*Fine Arts*) ..... Pasadena, Cal.
COVEY, FRANK HOWARD (*Industrial Arts*) ..... Great Neck, L. I.
CRANE, ADELAIDE EDITH (*Household Administration*) ..... Mt. Sterling, Ill.
CRANSTON, HARRIET ROSE (*Industrial Arts*) ..... Ridgewood, N. J.
CRICH, MARY VILORA (*Nursing and Health*) ..... New York City
CROSBY, EVELYN (*Kindergarten*) ..... New York City
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DREVENSTEDT, AMY (*Fine Arts*) ..... New York City
DUDLEY, MARGUERITE ALDRICH (*Nursing and Health*) ..... Ticonderoga, N. Y.
EDWARDS, FAITH (*Fine Arts*) ..... Washington, D. C.
EMERSON, FAYE (*Physical Education*) ..... East Orange, N. J.
FARMER, RUTH LUCILE (*Domestic Science*) ..... Gouverneur, N. Y.
FOSTER, MARY B. (*Primary Teaching*) ..... Bayhead, N. J.
FRANCIS, ADA LENORE (*Fine Arts*) ..... Flagstaff, Ariz.
FREEMAN, HELEN WHITING (*Domestic Science*) ..... Glen Ridge, N. J.
FREER, FLORENCE HELEN (*Domestic Science*) ..... Gilbertsville, N. Y.
GAINSBORG, MARGARITA MARIA PAZ (*Music*) ..... New York City
GLASS, IRENE ELIZABETH (*Music*) ..... East Stroudsburg, Pa.
GOLDFINGER, LEO (*Fine Arts*) ..... New York City
GREENLOW, VERA ELIZABETH (*Domestic Art*) ..... Flagstaff, Ariz.
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HERBST, MARGARET WILHELMINA (*Music*) ..... Mt. Vernon, N. Y.
HEWES, HELEN ELIZA (*Fine Arts*) ..... Braintree, Mass.
HOBBS, MARY MENGER (*Fine Arts*) ..... Brookhaven, Miss.
HOFFLIN, ELIZABETH GARFIELD (*House Decoration*) ..... Hopkins, Minn.
HOFFMAN, GRACE LOUISE (*Fine Arts*) ..... New Rochelle, N. Y.
HOFFMANN, THURLOW WEED (*Fine Arts*) ..... Athenia, N. J.

HONEY (MRS.), LAURA G. (*Household Arts*).....New York City
HOUSTON, FLORENCE MARGUERITE (*Household Arts*).....Goshen, N. Y.
HOWARTH, MARION LAW (*Domestic Art*).....Scranton, Pa.
HUNTER, ELSIE MARGARET (*Primary Teaching*).....New York City
HUSSAKOF, EVA (*Physical Education*).....New York City
JACKSON, ANNA CARLISLE (*Physical Education*).....Glen Ridge, N. J.
JACKSON, NELLE CAMPBELL (*Fine Arts*).....New York City
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JOHNSON, ADELAIDE ISABELLE (*Primary Supervision*).....Travers City, Mich.
JONES, EMMA BRONSON (*Domestic Science*).....Oshkosh, Wis.
KAUFHOLD, ROSE (*Domestic Art*).....Scranton, Pa.
KELLEY, FLORENCE AGNES (*Domestic Science*).....Jersey City, N. J.
KENNEDY, LILLIAN (*Domestic Science*).....Hornell, N. Y.
KERSEY, P. JOSEPH (*Physical Education*).....New York City
KNEIP, MARY HELENE (*Kindergarten Supervision*).....Ypsilanti, Mich.
LAITEM, LOUISE (*Domestic Science*).....New York City
LATHROP, LILLIAN MATHER (*Kindergarten Supervision*).....Newark, N. J.
LAWRENCE, ETHEL PRIMROSE (*Kindergarten*).....New York City
LEE, AMY GRACE (*Domestic Science*).....New York City
LEONARD, CAROLINE WILTSE (*History*).....Bayonne, N. J.
LEONARD, ROBERT JOSSELYN (*Industrial Arts*).....Berkeley, Calif.
LEWIS, SARAH LOUISE (*Domestic Science*).....Pomona, Cal.
LINSLY, EUNICE HALL (*Fine Arts*).....Northford, Conn.
LIPPINCOTT, ROSE HARRIET (*Household Decoration*).....Los Angeles, Cal.
LITTLE, MABEL COLLETTE (*Household Administration*).....Norwalk, Ohio
LOGAN, LUCIE LORING (*Kindergarten*).....Scranton, Pa.
LONG, RAYMOND VICTOR (*Industrial Arts*).....Hagerstown, Md.
MCCOLLISTER, ALICE (*Domestic Art*).....Holyoke, Mass.
MCCORMACK, MARY ANNA (*Domestic Art*).....Rochester, N. Y.
MCKEAN, LULU (*Domestic Science*).....Beaver Falls, Pa.
MACKENNA, DOROTHY FRANCES (*Domestic Science*).....Ft. Covington, N. Y.
MACLAUGHLIN, GENEVIEVE MIRIAM (*Music*).....Jamaica, N. Y.
MCPHAIL, CASSIE (*English*).....New York City
MCQUEEN, KATHARINE (*Fine Arts*).....Fayetteville, N. C.
MACLAYAN, FLORENCE (*Domestic Science*).....Passaic, N. J.
MARCY, EMILY (*Domestic Science*).....Wilkes-Barre, Pa.
MATHER, BARR SUSANNA (*Nursing and Health*).....Radnor, Pa.
MATHEWS, MARY E. (*Primary Teaching*).....New York City
MATZNER, PAULA A. (*Physical Education*).....New York City
MENHENNICK, CARL J. (*Industrial Arts*).....Grand Rapids, Mich.
MERRITT, ALTA HEPZIABETH (*English*).....Duluth, Minn.
MILLER, ANNA MARY (*Music*).....Poughkeepsie, N. Y.
MILLS, MARIAN E. (*Domestic Art*).....Port Byron, N. Y.
MITCHELL, BERTHA MAY (*Fine Arts*).....Monticello, N. Y.
MONCURE, ELIZABETH CABELL (*Fine Arts*).....Ruther Glen, Va.
MOORE, CACILIE MARIE GEORGY (*Fine Arts*).....New York City
MOORE, NORMA ANTOINETTE (*Kindergarten*).....Bloomfield, N. J.
MUNRO, EVELYN (*Domestic Science*).....Jordan, N. Y.
MURDOCH, KATHARINE (*Domestic Science*).....Pittsburgh, Pa.
NEAGLE, GRACE MAY (*Domestic Art*).....Lubec, Me.
NELSEN, GRETCHEN DORIS (*Domestic Science*).....Knoxville, Tenn.
NICHOLS, ERNESTINE (*Domestic Science*).....Bozeman, Mont.
O'DONNELL, AGNES MARIE (*Fine Arts*).....Forest Hills, N. J.
OGDEN, HELEN (*Physical Education*).....Orange, N. J.
ORR, FLORA LAWSON (*Domestic Science*).....Akron, Ohio
PARKER, MARIE A. (*Domestic Art*).....Goshen, N. Y.

PARRAMORE, JULIETTE BRYAN FISHER (*Household Administration*).....Accomac, Va.
PARRAMORE, ROSE CUSTIS (*Fine Arts*).....Hampton, Va.
PERRIN, MARY HOBART (*Kindergarten*).....Passaic, N. J.
PFAU, AUGUSTA LOUISE (*Domestic Science*).....Hamilton, Ohio
PHILLIPS, GEORGIANA (*Domestic Science*).....Greenport, N. Y.
PICKERING, ELIZABETH (*Music*).....Elmhurst, L. I.
PIERCE, MADELINE (*Household Administration*).....Westfield, N. J.
PITFIELD, FLORENCE BEATRICE (*Fine Arts*).....Brooklyn, N. Y.
PLAYTER, MARY KATHARINE (*Nursing and Health*).....Toronto, Canada
RANGER, EDNA AMELIA (*Primary Teaching*).....New York City
REID, ELIZA PRISCILLA (*Nursing and Health*).....Wallaceburg, Ontario, Canada
REIDY, KATHARINE L. (*English*).....New York City
RICHARDSON, JESSIE GORDON (*Physical Education*).....Westfield, N. J.
ROWE (MRS.), EMMA L. H. (*Domestic Art*).....New York City
RUNDLE, MARY SNELL (*Nursing and Health*).....Saltash, Cornwall, England
SAVILLE, FANNIE EUGÉNIE (*Domestic Science*).....Mineville, N. Y.
SCHROEDER, MATILDA (*Domestic Art*).....New York City
SEYMOUR, RUTH (*Domestic Science*).....New York City
SHACK, EDNA S. (*Domestic Science*).....New York City
SHEPPARD, EMMA E. (*Fine Arts*).....Elmer, N. J.
SHOEMAKER, ALICE THEODORA (*Fine Arts*).....Oakfield, N. Y.
SHUMAN, ANNA M. (*Fine Arts*).....Pittsburgh, Pa.
SIMPSON, CORA FRONIA (*Domestic Science*).....Pomona, Cal.
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SOUNDSTROM (MRS.), MARGARET N. (*Domestic Art*).....Newark, N. J.
STEVENS, ELIZABETH M. (*Domestic Science*).....Eau Claire, Wis.
STOCKTON, HELEN MARIE (*Fine Arts*).....Englewood, N. J.
STONE, ALA MARGARET (*Primary Supervision*).....Allegan, Mich.
STORER, HELEN MAYE (*Industrial Arts*).....Susquehanna, Pa.
STRINGER, ELIZABETH (*Nursing and Health*).....Philadelphia, Pa.
STUART, FLORA (*Domestic Science*).....Newport News, Va.
SULLIVAN, FRANKIE BELLE (*Music*).....Spokane, Wash.
SULLIVAN, JOHN JOSEPH (*Primary Supervision*).....New York City
TAYLOR, LAURA (*Physical Education*).....Tacoma, Wash.
TODD, ASIA ELIZABETH (*Domestic Science*).....Attica, Ind.
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TURNER, RUTH MITCHELL (*Kindergarten*).....Hampton, Va.
VAN SANN, ELIZABETH G. (*Fine Arts*).....Maywood, N. J.
VON LENGERKE, IDA (*Domestic Science*).....Orange, N. J.
WAGSTAFF, MARION BLACK (*Domestic Science*).....Cranford, N. J.
WAHLQUIST, HJALMAR (*Fine Arts*).....Hackensack, N. J.
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WESTERVELT, ALICE EDDY (*Kindergarten Supervision*).....New York City
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WHITEHEAD, MINNIE WYNNE (*Domestic Art*).....Providence, R. I.
WHITTEN, ALICE ANN (*Domestic Art*).....Wilmington, Del.
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WILLOUGHBY, HATTIE (*Primary Supervision*).....Carthage, Mo.
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ZOOK, MABEL (*Kindergarten Supervision*).....Johnstown, Pa.

UNCLASSIFIED STUDENTS

GRADUATES

ALLEN, R. H., A.B. De Pauw 1906.....Brooklyn, N. Y.
BALDWIN, SIDNEY, A.B. Smith 1910.....Peoria, Ill.
BELCHER, ARTHUR WILLIAM, A.M. 1910, A.B. Harvard 1904.....Plymouth, Mass.
BUQUO, JENNIE, A.B. Tennessee 1905.....Knoxville, Tenn.
CARRIEL, CHARLES ARTHUR, A.B. Illinois 1906.....Jacksonville, Ill.
COMIN, ROBERT, A.B. Princeton 1897.....Richmond Hill, N. Y.
CROSSLEY, ARTHUR LLOYD, A.B. Lafayette 1901.....New York City
DONOVAN, SARAH M., A.B. Syracuse 1903.....Canandaigua, N. Y.
FLYNN, OSCAR R., B.S. Ohio State 1896.....East Orange, N. J.
GOODHART, HELEN, A.B. 1907.....New York City
HAES, EDITH, A.B. 1904.....New York City
HALLOCK, FRANCES A., A.B. Mt. Holyoke 1899.....New York City
HANDY, MARIAN, B.S. 1910, A.B. Western Maryland 1903.....Pocomoke City, Md.
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KEMNA, CHARLOTTE, B.S. 1910.....New York City
KOCH, MATHILDE, B.S. Chicago, 1910.....Chicago, Ill.
LANCE, HAROLD B., A.B. 1904.....New York City
LEFKOWITZ, JOSEPH, A.B. C. C. N. Y. 1904, LL.B. N. Y. U. 1907.....New York City
LEHMAN, EZRA, Ph.B. Bucknell 1899, Ph.D. Pennsylvania 1903.....Elmhurst, N. Y.
MCGOWIN, MARGARET ODELL, B.S. 1910.....New York City
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MEREDITH, ALBERT B., A.B. Wesleyan 1895.....Newark, N. J.
O'NEILL, HELEN WARNER, B.S. 1910.....Belvidere, N. J.
PRETTYMAN, C. WILLIAM, A.B. Dickinson 1891, Ph.D. Pennsylvania 1899..Carlisle, Pa.
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RUSK, ELIZABETH, A.B. 1907, A.M. 1908.....St. Joseph, Mo.
SAILER, THOMAS H. P., A.B. Princeton 1889, Ph.D. Pennsylvania 1895. Englewood, N. J.
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ADAMS, MARIAN KYLE.....Webster Groves, Mo.
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ARNOLD, HELEN HUNT.....Dayton, Ohio
AVERY, ELIZABETH PRENTISS.....New York City

Ball, Dorothy Washburn ..... East Orange, N. J.
Ballou, Mildred ..... New York City
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Baum, Edward E ..... New Providence, N. J.
Bell (Mrs.), Mary Porter ..... New York City
Benson, Edna Jenkins ..... East Orange, N. J.
Berchmans, Sister M ..... Mt. Hope, N. Y.
Beyer, Lillian Frieda ..... New York City
Birkholz, Beatrice ..... Orange, N. J.
Bond, Edith McIlraine ..... New Canaan, Conn.
Bond, Violet Heathcote ..... New Canaan, Conn.
Bowden, Muriel Amanda ..... Yonkers, N. Y.
Bowman, Lillian Ruth ..... Mt. Vernon, N. Y.
Brink, Carrie J ..... New York City
Brown, Alice M ..... Brooklyn, N. Y.
Brown, Minerva Ruth ..... South Orange, N. J.
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Carden, Georgiana Caroline ..... Marysville, Cal.
Cassidy, Frances ..... New York City
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Cole, Agnes ..... Elizabeth, N. J.
Condon, Kathleen Frances ..... Roland Park, Md.
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Cooper, Isabel Ruth ..... Graham Court, New York City
Cosgrave, Patricia ..... New York City
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Cummins, Mary Frances ..... New York City
Cunningham, Kathryn E ..... Hornell, N. Y.
Demarest, Bessie ..... Spring Valley, N. Y.
Demarest, Theodora Frelinghuysen ..... Passaic, N. J.
Dickinson, Dan Peaslee ..... New York City
Dobbin, Benjamin H ..... Port Chester, N. Y.
Doty, Gladys ..... Wyoming, N. J.
Dowdall, Georgiana ..... Palisade, N. J.
Dreyfus, Jeanne ..... New York City
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Eaton, Lou Ethel ..... Taylorsville, Miss.
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Gordon, Inez L. ..... Patchogue, L. I.
Gunning, Catherine ..... Amsterdam, Holland
Hafer, Lilla Duell ..... New York City
Haight, Mary Evelyn ..... New York City
Hallock, Natalie A. ..... New York City
Halloran, Mary ..... New York City
Hammond, Amelia E. ..... New York City
Hanson, Daisy Evelyn ..... Mt. Vernon, N. Y.
Harder, Laura M. ..... Philmont, N. Y.
Hazeltine, Katherine Sherman ..... San José, Cal.
Heuser, Miriam Anna ..... Dunkirk, N. Y.
Higgins, John ..... New York City
Hilker, Hedwig, W. D. ..... New York City
Hjorth, Herman ..... New York City
Howes, Martha Warren ..... Yarmouthport, Mass.
Hunæus, Paula ..... Hanover, Germany
Hunt, Mabel Mungeam ..... New York City
Jacobia, Spencer P. ..... New York City
Jacobsen, Helen Amalie ..... Hoboken, N. J.
Jenks (Mrs.), Josephine ..... New York City
Johnson, Mary Kathleen ..... Marcy, N. Y.
Johnson, Ruth Allyne ..... St. Paul, Minn.
Johnston, Helen ..... Montclair, N. J.
Jordan, Ethel M. ..... Englewood, N. J.
Kay, Helen Boak ..... New York City
Kelton, Mary Elizabeth ..... Potsdam, N. Y.
Kendall, Florence W. ..... Port Chester, N. Y.
Ketcham, Eleanor ..... Indianapolis, Ind.
Ketcham, Margaret E. ..... Passaic, N. J.
Keune, Emma ..... New York City
Kirk, Dorothy Woodruff ..... Mt. Vernon, N. Y.
Kling, Delia C. ..... Brooklyn, N. Y.
Knight, Grace ..... New York City
Köpke, Bertha Adale Swanton ..... Honolulu, T. H.
Kornmann, Elsie W. ..... New York City
Kubie, Dorothy ..... Far Rockaway, L. I.
Kurtzworth, Harry Muir ..... Detroit, Mich.
Kysor, Bernice E. ..... Niagara Falls, N. Y.
Lagé, (Mrs.) Julia F. ..... New York City
Lathrop, Dorothy Pulis ..... Albany, N. Y.
Lee, Willa Marie ..... Sayler Park, Ohio
Leovy, Edith ..... San Diego, Cal.
Loughran, Katharine Ann ..... New York City
Low, Helen ..... Mt. Vernon, N. Y.
Lyall, Olin ..... New York City
Lynch, Mary Frances ..... Canton, Pa.
Lyon, Augusta Thorn ..... New York City

McClure, Ella Greene ..... Marietta, Ohio
McClure, Hattie Clendenin ..... Chauncey, N. Y.
McKechnie, Mary M ..... New York City
McWalters, Mary Elizabeth ..... New York City
Manlove, Myra B ..... Berkeley, Cal.
Martin, Elizabeth Rebekkah ..... Plainfield, N. J.
Martin, Kathleen ..... Perth Amboy, N. J.
Masten, Mary Emelia ..... Charleston, W. Va.
Masters, Katharine Wollaston ..... Wilmington, Del.
Meseroll, Sarah ..... Trenton, N. J.
Meyer, Florence ..... New York City
Misono, Hama ..... Japan
Moore, Jessie Eleanor ..... Newark, N. J.
Munro, Sibyl Helen ..... New York City
Muse, Jessie ..... Atlanta, Ga.
Needham, Harriet ..... Honolulu, Hawaii, T. H.
Nelson, Carolyn ..... New York City
Nightingale, Florence ..... Plainfield, N. J.
O'Gorman, May ..... South Manchester, Conn.
Oller, Sara Linhart ..... New York City
Opper, Emily M ..... New York City
Oskison, (Mrs.) Florence Day ..... New York City
Overton, Clara Louise ..... New York City
Palmer, Alice A ..... Hawley, Pa.
Palmer, Jean ..... New York City
Paulding, Gertrude K ..... Madison Barracks, N. Y.
Pearlstine, Henrietta ..... Charleston, S. C.
Peck, Clara Louise ..... Grand Rapids, Mich.
Peters, Alonzo Gaines ..... Elizabeth, N. J.
Peters, Mabel Katherine ..... Carbondale, Ill.
Piedalue, Mary Richardson ..... Athol, Mass.
Pittman, Helen ..... New Brunswick, N. J.
Plowfield, Harvey H ..... Reading, Pa.
Pond, Rita C ..... Plainfield, N. J.
Powers, Helen ..... Lansingburg, N. Y.
Prenties, Bertha C ..... Berkeley, Cal.
Presby, Charlotte S ..... New York City
Price, Myrtle Louise ..... Utica, N. Y.
Price, Sarah Evannah ..... New York City
Rae, Margaret P ..... New York City
Rehrer, Carrie A ..... Pine Grove, Pa.
Reilly, Susan A ..... Trenton, N. J.
Rhodes, Lily Bell ..... Sewaren, N. J.
Richardson, Charlotte ..... New York City
Richardson, Charlotte B ..... Westfield, Mass.
Roberts, Lillian ..... Brooklyn, N. Y.
Rodick, Eugenia Mary ..... Bar Harbor, Me.
Rogers, Edna Caro ..... Minneapolis, Minn.
Root, Theodora Submit ..... Albany, N. Y.
Ross, Annie ..... Guelph, Ontario, Can.
Rossin, Ethel C ..... New York City
Rundle, Mary Snell ..... Saltash, Cornwall, England
Ruth, Edna Eleanor ..... Reading, Pa.
Sacks, Frances ..... New York City
Saulsbury, Amanda Douglas ..... Ridgely, Md.
Schoenfeld, Alvina ..... New York City

Schwarz, Sadie ..... New York City
Selden, Elizabeth ..... New York City
Shannon, Anna Margison ..... Hollis, L. I.
Sharp, Lillian A ..... Livonia, N. Y.
Sherman, Dorothy ..... Bar Harbor, Me.
Sill, Mary Elizabeth ..... Pittsburgh, Pa.
Simmons, Elizabeth Seger ..... Derby, Conn.
Slocum, Cora E ..... Long Branch, N. J.
Smith, Annie Marguerite ..... Westfield, N. J.
Smith, Clara L ..... Flushing, N. Y.
Stacey, Edith ..... Perth Amboy, N. J.
Steele, Ethelfleda ..... Rock Hill, S. C.
Stiles, Martha M ..... Monsey, N. Y.
Stillman, Anita Mary ..... Hoboken, N. J.
Strassburger, Helen ..... East Orange, N. J.
Strayer (Mrs.), Cora Bell ..... New York City
Taylor, Irene ..... Kewanee, Ill.
Taylor, Jeannette C ..... Bloomfield, N. J.
Taylor, W. Dorcas ..... Little Falls, N. Y.
Tessier, Edith Laurnia ..... New York City
Thompson, Leona ..... Mexico, Mo.
Tiffany, Dorothy T ..... New York City
Towne, Gertrude ..... Hollywood, Cal.
Turner, Florence L ..... Elmhurst, L. I.
Umezawa, Kane ..... Aichikan, Japan
Upton, Esther L ..... Flint, Mich.
Vine, Edith ..... New York City
Von Helmolt, Carl ..... New York City
Walcott, Helen ..... Rutherford, N. J.
Walker, Lula V ..... Baltimore, Md.
Walker, Maude Louise ..... Bridgeport, Conn.
Walker, Ruth ..... Osage, Ia.
Ward, Mary Florence ..... New York City
Wellwood, Beatrice Elizabeth ..... New York City
Wellwood, Elizabeth ..... Wingham, Ontario, Canada
Wendover, C. Marion ..... Tenafly, N. J.
Westervelt, Martha Beatrice ..... Tenafly, N. J.
Whittemore, Violet A ..... New York City
Wile, Adele ..... Rochester, N. Y.
Wilson, Elizabeth T ..... East Orange, N. J.
Wilson, Madèle ..... New York City
Wood, Bessie S ..... Grantwood, N. J.
Wood, Ethel Louise ..... Southampton, L. I., N. Y.
Workman, Annie Josephine ..... Minneapolis, Minn.

SUMMER SESSION 1910

The following matriculated students, not in residence during the academic year 1910–11, were in attendance at the Summer Session of 1910:

Abbett, Merle J ..... Franklin, Ind.
Allen, Virginia ..... Van Buren, Ark.
Alrich, Maude C ..... Relay, Md.
Archer, Frederick ..... Wilson, N. C.
Arganbright, Charles A ..... Bluffton, Ohio
Argetsinger, Leon J ..... Kingston, N. Y.

ARMSTRONG, MARY ELLA ..... Barnesville, Ga.
ATKINS, ETHEL ..... New York City
ATWOOD, ALICE PENFIELD ..... Baltimore, Md.
BACON, GERTRUDE M ..... North Tonawanda, N. Y.
BAIRD, ROBERT L ..... Troy, Ohio
BAKER, BYRON W ..... Jamaica, N. Y.
BALCOMB, ERNEST ELWELL ..... Providence, R. I.
BARBER, FRANK ..... Warren, N. H.
BARDENHEUER, CLARA E ..... College Point, N. Y.
BARNES, CARRIE V ..... Indianapolis, Ind.
BARRETT, MARY LOUISE ..... Rochester, N. Y.
BARSKE, CARRIE MAY ..... Bridgeport, Conn.
BARTLETT, ELLEN M ..... Alameda, Cal.
BATES, ALICE L ..... Los Angeles, Cal.
BEACHEY, MARGARET ..... Evansville, Ind.
BECKER, CHARLES FRED ..... Mantua, Ohio
BEEMAN, RAY ..... Woodside, L. I.
BERNKOPF, ANNA ..... New York City
BEVERIDGE, JOHN HARRIE ..... Council Bluffs, Ia.
BINZEL, ALMA L ..... Beaver Dam, Wis.
BISHOP, F. EUDORA ..... Delta, Ohio
BLICKSTEIN, HARRY ..... Brooklyn, N. Y.
BOER, JOSEPHINE M. DE ..... South Plainfield, N. J.
BOOTHBY, ARTHUR Z ..... Rensselaer, N. Y.
BOWERS, PATTIE L ..... Littleton, N. C.
BRADY, WILLIAM E ..... Austin, Pa.
BRAUCH, SAMUEL J ..... Farmville, Va.
BRECKINRIDGE, ELIZABETH ..... Louisville, Ky.
BRENT, JOHN H ..... Urbanna, Va.
BRODERICK, EDWARD M ..... Hannibal, N. Y.
BROGDEN, LAUTREC CRANMER ..... Raleigh, N. C.
BROWN, GRACE L ..... New York City
BROWN, SARAH I ..... Boonton, N. J.
BURNHAM, MABEL T ..... Essex, Mass.
BUSSENIUS, CLARA ..... East Orange, N. J.
BUTTON, MILDRED ..... Barker, N. Y.
CABANISS, LILA M ..... Savannah, Ga.
CALEF, EVELYN ..... Superior, Wis.
CALLAHAN, FRANCIS E ..... Mt. Vernon, Ind.
CAMP, GEORGE W ..... Dahlonega, Ga.
CARTER, WILLIAM W ..... Plainville, Ind.
CAVANAGH, MARY ..... Jersey City, N. J.
CHAMBERLIN, ARDELLA S ..... Montclair, N. J.
CHAMBERS, MARY JANE ..... Pittsburgh, Pa.
CHAMPION, SAMUEL OWEN ..... Lakewood, Ohio
CHASE, HAWLEY B ..... Stamford, Conn.
CLARK, ANNA W ..... Scranton, Pa.
CLARK, ELLA HAZEL ..... Tonkawa, Okla.
CLARK, FRANCES H ..... Cookeville, Tenn.
CLARK, ROSE M ..... Greenville, Ohio
CLARK, THEODOSIA ..... Oshkosh, Wis.
CLIFFORD, JOSHUA W ..... Washington, D. C.
CLOSS, MARY FARNUM ..... Syracuse, N. Y.
COFFIN, EDWARD W ..... Easton, Pa.
COHN, PAULINE ..... New York City
COLE, RUTH FITCH ..... Minneapolis, Minn.

COLEMAN, NELSON L. ..... Potsdam, N. Y.
CONGER, NELLIE M. ..... Brooklyn, N. Y.
COPELAND, H. CONSTANCE ..... Tuxedo Park, N. Y.
CORDLE, SALLIE ..... Lindale, Ga.
CORNELIUS, SAMUELLA ..... Nashville, Tenn.
CORNELL, ETHEL M. ..... Rockville Centre, N. Y.
COURTIS, STUART A. ..... Detroit, Mich.
COURTNEY, WILLIAM B. ..... Newburg, N. Y.
COVENY, MARY J. ..... Waterbury, Conn.
CRAIG, AGNES HOUSTON ..... Plainfield, N. J.
CRAIG, MYRTLE B. ..... Lansing, Mich.
CROWELL, ROBERT BURNS ..... Walden, N. Y.
CURTIS, WILBUR ROBERT ..... Crown Point, Ind.
DAHLGREN, EMILY S. ..... Oleander, Cal.
DAHLGREN, LILLIE H. ..... Oleander, Cal.
DANEHOWER, HARVEY B. ..... Rahway, N. J.
DAVIES, E. ESTELLA ..... Nashville, Tenn.
DAY, HARRIET ..... Laurel, Ind.
DEAMER, ARTHUR C. ..... La Porte, Ind.
DECKER, MARY E. ..... Rockaway, N. J.
DEEVEY, VILLA AUGUR ..... Albany, N. Y.
DE HAVEN, NINA ..... Corrigansville, Md.
DEMAREE, JOSEPH P. ..... Bloomsburg, Pa.
DENTON, EMMA ..... St. Louis, Mo.
DICKERSON, ELIZABETH D. ..... Milwaukee, Wis.
DICKSON, LUCY ..... Indianapolis, Ind.
DIETERICH, HENRY C. ..... Ashtabula, Ohio
DOBBS, ZOE ..... Birmingham, Ala.
DOTEY, AARON I. ..... New York City
DOWELL, SPRIGHT ..... Birmingham, Ala.
DOWNS, MONA ..... New York City
DUKE, CORA D. ..... Richmond, Va.
EALY (MRS.), ELMA W. ..... Cape Girardeau, Mo.
ELLIS, LUCY MAY ..... New York City
EMERSON, ELLA C. ..... Englewood, N. J.
EMERY, ELIZA ..... Clarksville, Tenn.
EMMONS, MARY ..... Frenchtown, N. J.
EPPINGER, HOWARD E. ..... Reading, Pa.
EPPLY, LORINDA ..... Norwood, Ohio
EVANS, ARTHUR W. ..... Uvalde, Tex.
EWELL, JESSE, JR. ..... Ruckersville, Va.
FALK, RITA ..... Savannah, Ga.
FIELD, ALMA ..... Providence, R. I.
FIELD, ANNE ..... Calvert, Tex.
FINKELSTEIN, HAROLD ..... New York City
FISHER, KATHERINE A. ..... Berlin, Canada
FISHER, MARGARET ELLEN ..... Oshkosh, Wis.
FITZGERALD, IRENE ..... Hempstead, N. Y.
FOLSOM, NADINE ..... South Bend, Ind.
FOOTE, ALICE B. ..... Cincinnati, Ohio
FORD, EDITH LULU ..... Rockville, Md.
FRANCIS, JOSEPHINE ..... Beaumont, Tex.
FREED, ESTHER M. ..... New York City
FRENCH, GRACE ..... New York City
FULTON, JANE ..... Mt. Vernon, N. Y.
GARDNER, GEORGE R. ..... Brewer, Me.

GARRETSON, HENRY H ..... Tacoma, Wash.
GARVER, FRANCES MARION ..... Binghamton, N. Y.
GEORGE, ANNE ..... Denton, Tex.
GILLILAND, EUGENE ..... Nashville, Tenn.
GOLDBERG, SARAH A ..... New York City
GOLDSTEIN, GERTRUDE L ..... Brooklyn, N. Y.
GOMBERT, DOROTHEA ..... Hicksville, N. Y.
GOOD, FRED F ..... Waynesboro, Pa.
GOODMAN, ABRAHAM ..... New York City
GREEN, D. ALBERT ..... Lock Haven, Pa.
GREENBAUM, SAMUEL W ..... New York City
GRIEVES, DOROTHY ..... Washington, Pa.
GRONER, CLARA E ..... Leetonia, Ohio
GUTHRIE, KENNETH SYLVAN ..... Philadelphia, Pa.
HALL, WILLIAM HOLLAND ..... Wilson, N. C.
HAMILTON, KATHARINE ..... Decatur, Ill.
HAMM, FRANKLIN P ..... Breakabeen, N. Y.
HANDY, SYDNEY S ..... Easton, Md.
HANN, RUTH P ..... Scranton, Pa.
HANSEN, MARY E ..... Perth Amboy, N. J.
HARRIS, ACHSAH MAY ..... Emporia, Kan.
HARRIS, GEORGE W ..... Gatesville, Tex.
HARRIS (MRS.), SOPHIE H ..... Milwaukee, Wis.
HARRIS, WILLIAM FLOYD ..... Livonia, N. Y.
HART, CAROL R ..... Stamford, Conn.
HAYFORD, MAISIE ..... Jersey City, N. J.
HEALEY, MARGARET M ..... East Las Vegas, N. M.
HECHT, SADIE ..... New York City
HEDGES, FRED M ..... Bradford, N. Y.
HEIGES, JESSE S ..... Shippensburg, Pa.
HELLER, OPAL ..... Phœnix, Ariz.
HELTER, HENRY HARRISON ..... Mansfield, Ohio
HEMION, RUSSELL ..... Paterson, N. J.
HENDERSON, MARY E ..... New York City
HIDALGO, AUGUSTO ..... Frozo, Manila, P. I.
HIGHSMITH, EDWIN MCK ..... Kerr, N. C.
HILL, EDITH ..... Cincinnati, Ohio
HITCHCOCK, KATHARINE ..... Utica, N. Y.
HOBBS, MAUDE D ..... Petersburg, Va.
HODGES, WILLIAM T ..... Arlington, Va.
HOGAN, THOMAS A ..... Stamford, Conn.
HOKE, KREMER J ..... Richmond, Va.
HOLLINGER, JOHN A ..... Pittsburg, Pa.
HOLLINGSWORTH, LOUISA M ..... Scotch Plains, N. J.
HOLLOWAY, WILLIAM JAMES ..... Salisbury, Md.
HOLTON, ROLANDA CLARENCE ..... Newton, N. C
HOOD, GRACE ..... Chicago, Ill
HORNER, FRANCES L. V ..... Rockville, Md.
HOSTERMAN, JOHN S ..... Montrose, Pa.
HOTCHKISS, ELMER A ..... Ashtabula, Ohio
HOUCHENS, H. CLAY ..... Richmond, Va.
HOUSTON, JOSEPH R ..... Aurora, Ind.
IJAMS, CHARLES BURGESS ..... Jackson, Tenn.
INMAN, JAY R ..... Manchester, Ia.
IRELAND, ANNA B ..... Merchantville, N. J.
JACKSON, OTHO CARR ..... Nelsonville, Ohio

Jaffe, Jacob	Brooklyn, N. Y.
Jenner, William A	New York City
Jocelyn, Bernice	Brooklyn, N. Y.
Jonas, Elsie M	San Antonio, Tex.
Jones, Ada E	Auburn, N. Y.
Jones, Mary Philippa	Florence, Ala.
Jones, Robinson G	Kewanee, Ill.
Jones, Ruth	Govans, Md.
Judd, Zebulon Vance	Raleigh, N. C.
Kalb, John Albert	Milburn, N. J.
Keinard, M. Elizabeth	Phœnixville, Pa.
Kemp, Frank E	Syracuse, N. Y.
Kennedy, Erskine W	Yorkville, S. C.
Kenyon, Harry	Fort Ann, N. Y.
Kimball, Frank J	Jonesboro, Ind.
King, Annie Graham	Selma, Ala.
King, Sarah S	Rome, Ga.
Knopf, Alfred A	Lawrence, L. I.
Knox, Edith	Du Bois, Pa.
Koenemann, Lydia E	St. Louis, Mo.
Kurtz, Edward	Olney, Ill.
Kurtz, Ella	East Stroudsburg, Pa.
Lancaster, Natalie	Ashland, Va.
Lawrence, Mary Alice	Rochester, N. Y.
Leitzell, Frances L	Watervliet, N. Y.
Lenney, James	Potsdam, N. Y.
Leonard, Edith	Cambridge, Md.
Lester, Annie	Monticello, Fla.
Lewis, Margaret W	Wayne, Pa.
Liddle, Laura	Muncie, Ind.
Lindsay, Edna May	Oklahoma City, Okla.
Llewelyn, Edgar J	Sheridan, Ind.
Loftus, John J	Brooklyn, N. Y.
Logan, Josephine D	Nashville, Tenn.
Lucas, William Hardin	Paris, Ky.
Lutz, A. Gilbert	Brooklyn, N. Y.
Lyman, Grace	Kingston, Ontario, Canada
Lynch, Loretto C	New York City
McCall, Harold	Oswego, N. Y.
McCarty, Margaret	South Haven, Mich.
McClelland, Thomas K	Newark, N. J.
McCulloch, Annie I	Milledgeville, Ga.
McDill, Genevieve S	Stevens Point, Wis.
McFarland, Davis S	Philadelphia, Pa.
McGinn, Mary T	Westerly, R. I.
McIntire, W. W	Cincinnati, Ohio
McLaughlin, Edwin E	Carbondale, Ill.
Maher, Elizabeth M	Rochester, N. Y.
Margah, Katherine C	Detroit, Mich.
Marks, Lazarus E	New York City
Marks, Rose Adelaide	Richmond, Va.
Massee, Edith	Milwaukee, Wis.
Mathews, Jane	Pittsburgh, Pa.
Maxwell, Mary Elizabeth	Pittsburgh, Pa.
Meighan, Helen A	Reno, Nev.
Metzger, Blanche	New York City

METZGER, JEAN ..... New York City
MICHAELSON, KLARA M ..... Minneapolis, Minn.
MIDDLETON, HANNAH ..... Franklin, Ind.
MILLER, JAMES COLLINS ..... Calgary, Canada
MILLER, MABEL F ..... New York City
MITCHELL, DOROTHY ..... Bainbridge, Ga.
MITCHUM, COUNTESS ..... Nashville, Tenn.
MONTGOMERY, SARAH LOUISE ..... Jeffersonville, Ind.
MOON, ALLEEN ..... Kissimmee, Fla.
MOORE, BENJ. F ..... Muncie, Ind.
MORLEY, ISAURE F ..... Brooklyn, N. Y.
MORSE, MARY LINCOLN ..... Chicago, Ill.
MUIR, THOS. M ..... Youngstown, Ohio
MULHERON, HELEN ..... West Brighton, N. Y.
MYERS, WILLIAM A ..... Hartford City, Ind.
NIXON, ROSA ..... Montgomery, Ala.
NOBLE, EDWARD M ..... Denton, Md.
NOYES, ELMIRA E ..... Portsmouth, Va.
NUGENT, M. GERTRUDE ..... Rochester, N. Y.
OLUND, ANNA ..... Duluth, Minn.
O'MALLEY, ARTHUR ..... Boston, Mass.
O'NEILL, M. EVELYNE ..... Mineralpoint, Wis.
OMAN, ANNIE ..... Nashville, Tenn.
OMAN, CATHERINE S ..... Nashville, Tenn.
OREM, NICHOLAS ..... Easton, Md.
OSBORN, LAURA ..... New York City
OVERTON, JOHN ARTHUR ..... New York City
OWENS, ANTOINETTE K ..... Walton, N. Y.
PALMER, FRANK W ..... Rotterdam Junction, N. Y.
PALMER (MRS.), SUSAN EVA ..... Tuskegee, Ala.
PARTRIDGE, SARAH WARING ..... Monticello, Fla.
PATERSON, ARTHUR ..... Middletown, Conn.
PEARSALL, LILLIAN M ..... Rockville Centre, N. Y.
PECK, MARY E ..... Fincastle, Va.
PERRY, CHARLES F ..... Shamokin, Pa.
PFENNINGER, LOUISA E ..... Cleveland, Ohio
PHILLIPS, GERTRUDE ..... New York City
PLAYFOOT, VIVA M ..... Galeton, Pa.
PORTER, DAVID C ..... Caldwell, Kan.
POTTORF, JOHN L. G ..... Canton, Ohio
POWER, AGNES ..... Brownwood, Tex.
PROCTOR, CARRIE A ..... Antwerp, N. Y.
PRZELOMIEC, JOSEPHINE L ..... New Haven, Conn.
RABENORT, WILLIAM L ..... New York City
RAU, IRENE F ..... Beloit, Wis.
RAWLINS, O. A ..... Kewanee, Ill.
RAYNOR, GRACE A ..... Liberty, Mo.
RENNER, MILTON E ..... Trenton, N. J.
RENTSCHLER, GUY H ..... Ringtown, Pa.
REUTHER, EDWARD A ..... Depew, N. Y.
REYNOLDS, ERNEST G ..... Glens Falls, N. Y.
RICKERT, EDWIN L ..... Maquoketa, Ia.
RIDDLE, JESSE W ..... Lawrenceburg, Ind.
RINGLE, ELLA A ..... Canton, Ohio
ROAT, ANNA LOUISE ..... Frederica, Del.
ROBBINS, LULIE W ..... Indianapolis, Ind.

ROBERTS, GEORGE L. ..... Lafayette, Ind.
ROBINSON, ANNIE L. ..... Lansing, Mich.
RODGERS, BERTHA ..... Washington, D. C.
RONDTHALER, ANNA ..... New York City
SAMS, EDWARD E. ..... Fitzgerald, Ga.
SAMUELS, MINNIE A. ..... Los Angeles, Cal.
SARAUW, JULIE ..... New York City
SCHILLING, ILMA VON ..... Hampton, Va.
SCHNIEB, ANNA A. ..... Muncie, Ind.
SCHOLL, JOSEPH H. ..... Rushville, Ind.
SCHOTT, KATHERINE ..... Lebanon, Pa.
SCHWARTZ, CHARLOTTE ..... Pittsburgh, Pa.
SCHWARTZ, NATHAN ..... New York City
SCHWARZ, JOHN ..... Miamisburg, Ohio
SCOTT, RHEA C. ..... Ashland, Va.
SCOTT, RUTH ..... Trenton, N. J.
SCOVEL, CHRISTINE MERLE ..... New York City
SELLERS, DAMON H. ..... Marysville, Ohio
SHELTON, FRANK M. ..... Pittsburgh, Pa.
SILVER, GERTRUDE ..... Hamilton, Ohio
SINNAMON, CAROLINE V. ..... Oswego, N. Y.
SLAYMAKER, REBECCA J. ..... Lancaster, Pa.
SMALL, IRVING ..... South Beddington, Me.
SMITH, ETHEL ..... Trenton, N. J.
SMITH, HAROLD W. ..... Brookfield, Mass.
SMITH, THOMAS WASHINGTON ..... Birmingham, Ala.
SNODDY, ESTHER K. ..... Newport, Tenn.
SOMERS, GROVER ..... Bloxom, Va.
SPELLER, MURIEL I. ..... Pittsburgh, Pa.
STABLER, IDA PALMER ..... Sandy Spring, Md.
STEVENS, EDNA ..... New York City
STOCKARD, MARIETTA ..... Washington, D. C.
STOCKINGER, MARTHA ..... Batesville, Ind.
STONE, JULIA L. ..... Minneapolis, Minn.
STREETER, MARGERY ..... Ionia, Mich.
STRINGER, ELIZABETH ..... Philadelphia, Pa.
STROUD, DELLA ..... Nashville, Tenn.
SULLIVAN, CORNELIUS M. ..... Norwood, N. Y.
SWAYER, WILLIAM ..... Jamaica, N. Y.
SZOLD, ESTHER ..... Peoria, Ill.
TAYLOR, MARGARET E. ..... Ocala, Fla.
TEMPLETON, MARIA P. ..... Marquette, Mich.
TERRELL, HUBERT N. ..... Dobbs Ferry, N. Y.
TESCHEMACHER, HELEN A. ..... Brooklyn, N. Y.
THACKERAY, ALICE E. ..... Kalamazoo, Mich.
THOMPSON, F. ESTELLA ..... Roland Park, Md.
THOMPSON, NANNIE M. ..... Centreville, Md.
THOMPSON, NATALIE ..... Union Course, N. Y.
THORP, LETTIE M. ..... Toledo, Ohio
TODD, THOMAS M. ..... Greenwood, Del.
TOWNE, LILLIAN MAY ..... Brighton, Mass.
TRESTER, ARTHUR L. ..... Alexandria, Ind.
TRIMMER, CARMEN A. ..... Hanover, Pa.
TRUMP, WILLIAM T. ..... Miamisburg, Ohio
TWISS, GEORGE R. ..... Columbus, Ohio
USRY, ELDON L. ..... Des Moines, Ia.

VAN BARGEN, H. RICHARD ... Brooklyn, N. Y.
VANDERBURG, LILLIAN A. ... St. Louis, Mo.
VAN OOT, BENJ. H. ... Boston, Mass.
VAN RIPER, PAUL ... Franklin, Ind.
VAN VORT, RAY VIRGINIA ... Richmond, Va.
VINCENT, MELVIN J. ... Buffalo, N. Y.
VOSBURGH, WILLIAM L. ... Brockport, N. Y.
VROOMAN, LULA ELSIE ... Weatherford, Okla.
WADSWORTH, HARVEY BRYAN ... Cove City, N. C.
WALLACE, FLORENCE D. ... Baltimore, Md.
WALLACE, M. IGNATIUS ... New Rochelle, N. Y.
WALLER, JESSE C. ... Georgetown, Ky.
WATERBURY, ARTHUR E. ... East Schodack, N. Y.
WATERBURY, AVIS ... Westfield, Mass.
WATKINS, JANE WORLEY ... Lexington, Ky.
WEAVER, AMMON P. ... Yeagertown, Pa.
WEEKS, CURTIS P. ... Corona, L. I.
WEER, LETITIA E. ... Baltimore, Md.
WEIMER, ANNA E. ... Kewanee, Ill.
WEIMER, MARY BIRD ... Winfield, Kan.
WEIMER, TERESA ... Kewanee, Ill.
WERTZ, EDITH A. ... New Canaan, Conn.
WHITE, WALTER C. L. ... Brooklyn, N. Y.
WHITNEY, FRANK P. ... Cleveland, Ohio
WHITNEY, LURA I. ... Toledo, Ohio
WICKLIFFE, MARY FRANCES ... Rock Hill, S. C.
WIEMAN, EMMA ... Colorado City, Col.
WILES, ERNEST P. ... Muncie, Ind.
WILEY, CARRIE A. ... German Valley, N. J.
WILLIAMS, ADA ... Washington, D. C.
WILLIAMS, JENNIE ... Emporia, Kan.
WILSON, CHARLES L. ... Parkersburg, W. Va.
WINDUS, LENA ... Baltimore, Md.
WINGATE, JAMES ... Schenectady, N. Y.
WINSLOW, LEON LOYAL ... Brockport, N. Y.
WINTER, ALFRED R. ... Boston, Mass.
WITHEROW, IDA JUNIATA ... New Orleans, La.
WOOLDRIDGE, JULIA STANARD ... Richmond, Va.
WRAY, CHARLOTTE D. ... Hampton, Va.
WRIGHT, PAUL H. ... Mt. Pleasant, Ohio
YINGLING, WILLIAM FREDERICK ... Youngstown, Ohio
YOUNG, GRANVILLE ALLEN ... Birmingham, Ala.
ZERBE, JONATHAN LEO ... Tyrone, Pa.
ZIPFEL, LENA ... Palmyra, N. Y.

SUMMARY

I. Graduate Students:

Candidates for Doctor's Degree and Diploma	61
" " Master's Degree and Diploma	166
Unclassified	36
	263

II. Professional Students:

Candidates for Bachelor's Degree and Diploma, and for special Diplomas:

For Teaching in Secondary Schools: Dietetics 1, Biology 17, Elementary Science 2, English 69, French 6, Geography 9, German 20, History 39, Latin 11, Mathematics 37, Physical Science 6, in Primary Grades 25, in Grammar Grades 7, in Kindergarten 46, Domestic Art 63, Domestic Science 195, Fine Arts 85, Nursing and Health 29, Household Administration 11, House Decoration 3, Industrial Arts 36, Music 24, Physical Education 53, Supervising in Kindergarten 27, Supervising in Primary Schools 36, Supervising in Elementary Schools 69, School Administration 1, Educational Psychology 3, Candidates for the Bachelor of Science Degree only 5	935	
III. Unclassified Students	221	
Less duplicate counts, students candidates for more than one diploma	*6*	
Total resident registration		1413
IV. Additional matriculated students, Summer Session, 1910		386
Net total matriculated students		1799
V. Students from other parts of the University		362
Total matriculated students		2161
VI. Non-matriculated (special classes) registered at Teachers College		991
" " (evening technical classes)		315
Total attendance		3467

In addition to the above there are this year 1024 pupils in the Horace Mann School and 226 in the Speyer School; total 1250.

Total attendance at the college and its schools, 4717.

COLLEGE OF PHARMACY

OFFICERS AND TRUSTEES

NICHOLAS MURRAY BUTLER.....*President*
EWEN MCINTYRE.....*Honorary President*
CHARLES F. CHANDLER.....*Vice-President*
HERBERT D. ROBBINS.....*Vice-President*
WILLIAM JAY SCHIEFFELIN.....*Vice-President*
GUSTAVUS RAMSPERGER.....*Honorary Vice-President*

Term expires 1911	*Term expires 1912*
WILLIAM C. ALPERS	THOMAS P. COOK
MAX J. BREITENBACH	ARTHUR H. ELLIOTT
CHARLES S. ERB	HIERONIMUS A. HEROLD
LEO W. GEISLER, JR.	ALBERT PLAUT
FELIX HIRSEMAN	GEO. H. HITCHCOCK

Term expires 1913

OTTO P. AMEND	CASWELL A. MAYO
ADOLPH HENNING	REUBEN R SMITH

HENRY C. LOVIS

CLARENCE O. BIGELOW.....*Treasurer*
THOMAS F. MAIN.....*Secretary*
EDWARD W. RUNYON.....*Assistant Secretary*
W. B. SIMPSON.....*Clerk of the College*

OFFICERS OF INSTRUCTION

The Faculty

President BUTLER	Professor GIES
[1] Professor CHANDLER	Professor CURTIS
Professor ELLIOTT	Professor VORISEK
Professor RUSBY	Professor MANSFIELD
Professor COBLENTZ	Professor KNAPP
Professor DIEKMAN	Professor BASTEDO
Professor OEHLER	Professor DUFF

Professor WIMMER

Officers of the Faculty

Professor RUSBY. . *Dean and ex-officio Member of the University Council*
" DIEKMAN.....*Secretary*

[1] Absent on leave 1910–11.

Other Instructors

FREDERICK A. LESLIE, Phar.D., *Instructor in Analytical Chemistry;* CHARLES W. BALLARD, Phar.D., *Instructor in Materia Medica;* JEANNOT HOSTMANN, Ph.G., *Assistant in Chemistry;* GEORGE HOHMANN, Ph.G., *Assistant in Pharmacy.*

OTHER OFFICERS OF ADMINISTRATION

(See page 5)

GENERAL STATEMENT

The College of Pharmacy of the City of New York, founded in 1829, chartered in 1831, and recognized in 1879 by the Regents as part of the University of the State of New York, became a member of the educational system of Columbia University on July 1, 1904. The President of the University is *ex-officio* President of the College of Pharmacy, and the College is represented in the University Council by its Dean, who is appointed by the Trustees of the College of Pharmacy on the nomination of the President. The College, however, maintains its separate corporate organization, and its Trustees continue to provide for its financial support.

The College is situated at 115 West 68th Street, near Columbus Avenue, in an especially well-equipped building erected in 1894.

The College of Pharmacy is thus the professional school of Columbia University for pharmacists, pharmaceutical chemists and Doctors of Pharmacy and, as well, a valuable addition to the University's resources for teaching and research in botany, chemistry, and materia medica.

ADMISSION

(See page 173)

Students who are to be examined for admission will be examined either at the Regents' examination, or at the January and September entrance examinations of Columbia University, or of the College Entrance Examination Board, which are held in June of each year. (See page 173.)

College Course

This course is open, according to statute, only to persons holding the Qualifying Certificate for a Pharmacy Student, granted by the State Education Department for 15 Regents' counts or their equivalent. (Leading to the degree of Ph.G.)

University Course

This course is open only to persons holding the Academic Equivalent Certificate of the Regents of the State of New York, or the corresponding credentials of Columbia University or of the College Entrance Examination Board. (Leading to the degree of Ph.C.)

Graduate Course

This course is open to pharmaceutical chemists of this or other schools of equal grade or those holding equivalent degrees. (Leading to the degree of Phar.D.)

Food and Drug Course

This course is open to all graduates of this College, and to others whose training has qualified them to perform the necessary work.

COURSES OF STUDY

1. A College course, consisting of a junior and senior year, leading to the degree of Graduate in Pharmacy, conferred by the College independently of the University, and qualifying the graduate to meet any examination for the position of licensed pharmacist.

The work undertaken is as follows: Junior year—physics, general and pharmaceutical chemistry, analytical chemistry, mathematics of pharmacy, practical pharmacy, dispensing pharmacy, botany, pharmacognosy, physiology, and toxicology. Senior year—organic chemistry, inorganic and organic pharmaceutical chemistry, analytical chemistry, practical pharmacy, dispensing pharmacy, materia medica, toxicology, commercial pharmacognosy, histological pharmacognosy.

2. A University course of 2 years leading to the degree of Pharmaceutical Chemist, conferred by the University. The work undertaken in this course differs from that of the College course in being of a somewhat more advanced character, and in being pursued through the full academic year. It includes instruction in general biology and a laboratory course in physics, in addition to the studies of the College course. Part of this work is performed by the medical department of the University.

3. A third or graduate course of one year, leading to the degree of Doctor of Pharmacy. This course is designed to fit graduates for positions as analysts and microscopists, and for making urinary analyses, bacteriological examinations, and performing other work of the kind. It consists of practical work in plant analysis, technical microscopy and bacteriology, quantitative and organic analysis, and lecture courses in the theory and practice of inorganic quantitative analysis, commercial organic analysis and toxicology, and physio-

logical chemistry. Students so desiring may add a second year to this course, making their entire course the equivalent of that leading to a degree of Bachelor of Science.

4. A course of one year in the microscopical and chemical analysis of foods and drugs. A Summer Preparatory Course of twelve weeks is provided for those who, for any reason, require training in special subjects as a preparation for the Food and Drug Course.

5. A number of special courses of instruction have also been established, partly for the benefit of those regular students who desire, for any reason, to specialize in certain lines of work, and partly to provide instruction in individual departments for those who do not desire to take the full course. Certificates, but not diplomas, are awarded to such students. These special courses of instruction are in pharmacognosy, chemical analysis, advanced inorganic and organic chemistry, and practical pharmacy.

Method of Instruction

During the junior and senior years the instruction occupies three days of the week, the alternate days being free for that practical experience in the pharmacy which is required by Boards of Pharmacy. This arrangement enables students to meet the Board requirements, and it also provides a means of paying the expenses of a majority of students.

Many students, under the advice of the Faculty, prefer to devote the entire time of the second year to college work. For those so desiring, additional instruction is provided.

In addition to lectures and laboratory work a series of recitations or quizzes, by a corps of qualified instructors, is given to the classes, in small sections.

Prizes

(See page 465)

REGISTER OF STUDENTS

COLLEGE OF PHARMACY

SENIOR COLLEGE CLASS

ALLITON, GEORGE ..... Kingston, N. Y.
ANDREOLA, NICHOLAS ..... New York City
APPLEBAUM, SAMUEL A ..... New York City
ARGINTEANU, MORRIS ..... New York City
BALLOFF, HARRY ..... New York City
BARNERT, ISIDORE M ..... Paterson, N. J.
BEARMAN, SAMUEL ..... Hoboken, N. J.
BERNING, BERNHARD H ..... New York City
BERRY, ERNEST H ..... Malone, N. Y.
BLAIR, MATTHEW ..... New York City
BONGARTZ, JOSEPH T ..... Kingston, N. Y.
BRADY, WILLIAM H ..... Corning, N. Y.
BRANDT, OTTO, JR ..... Newark, N. J.
BREININ, LOUIS ..... New York City
BROOKER, EUGENE D ..... New York City
BURLINGAME, STANLEY ..... Warsaw, N. Y.
CAGGIANO, LOUIS ..... Utica, N. Y.
CARIFFE, JOSEPH V ..... Tuxedo Park, N. Y.
CASSIDY, JOHN J., JR ..... Port Perry, Ont., Canada
CHARLES, BYRON C ..... New York City
CHASAN, NATHANIEL M ..... New York City
COLEMAN, FRANK D ..... Dover, N. J.
CONKLIN, ROSCOE L ..... New York City
COSTA, LOUIS P ..... New York City
COTE, MELVILLE P ..... Baltic, Conn.
DESANCTIS, FRANK ..... New York City
DICHTER, HARRY M ..... New York City
DICKIE, GEORGE W ..... Morristown, N. J.
DILLINGHAM, WILLIS I ..... Berwick, Me.
DOMOVSKY, SOLOMON ..... New York City
DONOHUE, FRANK ..... Turners Falls, Mass.
DOOLITTLE, WILLIAM H ..... New York City
DREYER, SAMUEL ..... New York City
DRIESEN, CHARLES M ..... New York City
DUNN, CHARLES W ..... Jersey City, N. J.
DYROFF, WILLIAM ..... Highland Falls, N. Y.
FILICE, ROBERT ..... New York City
FINEGOLD, SAMUEL ..... New York City
FREEDMAN, MAX R ..... New York City
FRIED, LEO H ..... College Point, N. Y.
FRIEDLAND, JACOB ..... New York City
FRITZ, SAMUEL ..... New York City
GARB, JOHN ..... New York City
GIORDANO, FRANK ..... New York City

GOLDBERG, JACOB ..... New York City
GOLDSTEIN, HAROLD ..... New York City
GREINES, ROSE E. (MISS) ..... New York City
GREENBAUM, SOLOMON ..... New York City
HAKES, CYRUS D ..... Orange, N. J.
HALPERN, EDWARD M ..... Newark, N. J.
HAMELIN, BERTRAM A ..... Champlain, N. Y.
HAMMOND, EDWARD N ..... Southampton, L. I.
HUGHES, HAROLD T ..... Utica, N. Y.
HYDE, PIERRE C ..... Malone, N. Y.
JACOBS, SAMUEL ..... New York City
KALISH, MORRIS ..... New York City
KANTOR, MORRIS ..... New York City
KEYROUSE, JOSEPH V ..... New York City
KIPNIS, ISADOR ..... New York City
KLAUBER, JOSEPH ..... New Brighton, S. I.
KLEMPNER, SAMUEL ..... New York City
KNEELAND, PAUL S ..... Newark, N. J.
KREPPEL, HENRY G ..... New York City
LACCORN, PAUL ..... New York City
LACOVARA, PHILIP ..... New York City
LAGAMBINA, CAESAR E ..... New York City
LAGAMBINA, GAETANO ..... New York City
LANGEN, FREDERICK W ..... New York City
LEDER, SOLOMON ..... New York City
LEITERMAN, LILLIAN (MISS) ..... New York City
LENEROW, WALTER A ..... Newark, N. J.
LICHTNER, ALEXANDER ..... New York City
LINFORD, LOUIS G ..... Liberty, N. Y.
LOMBARDI, NICHOLAS ..... New York City
LOUNSBERRY, RICHARD ..... Kingston, N. Y.
MACNAMARA, JOHN S ..... New York City
MADONNA, GIOACCHINO ..... New York City
MAKAUS, ANDREW ..... New York City
MARQUEZ, BOLIVAR Q ..... Pese, Panama
MCKEOWN, JOHN ..... So. Amboy, N. J.
MCWHORTER, ERNEST ..... Highland Mills, N. Y.
MELAMEDE, RALPH J ..... New York City
MESIANO, PASQUALE ..... New York City
MILLER, JAMES D ..... New York City
MORGULIS, JACOB ..... New York City
MULLER, HENRY ..... New York City
MULLER, SAMUEL I ..... New York City
NEIMAN, SOLOMON ..... Yonkers, N. Y.
NEUNDORFER, OSCAR J., JR ..... Albany, Ga.
PICA, VINCENT ..... New York City
PICKER, MEYER ..... New York City
PIETRI, HECTOR A ..... Ponce, Porto Rico
RAPPAPORT, BENJAMIN ..... New York City
RELIN, HYMAN ..... New York City
ROMANO, ANDREW A ..... New York City
ROGERS, GEORGE L ..... Antwerp, N. Y.
SALOMON, MORRIS ..... New York City
SANSONE, FRANK ..... New York City
SCHECHTER, SAMUEL N ..... New York City
SCHWARTZ, ISRAEL ..... New York City

SHORT, GEORGE W ..... Calais, Me.
SIEBENBORN, HARRY W ..... New York City
SLOFKIN, JACOB J ..... New York City
SMALLMAN, JAMES, JR ..... Highland Falls, N. Y.
STEIERT, EMIL ..... Astoria, L. I.
STEIN, MAURICE ..... New York City
TREAT, DANIEL S ..... Seymour, Conn.
WARNER, WILLIAM E ..... New York City
WICK, ALBERT E ..... Utica, N. Y.
YENDELL, FRED ..... Rye, N. Y.
ZUCKER, BENJAMIN F ..... Hoboken, N. J.
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Senior University Class

ASTARITA, MARION ..... New York City
BRADNER, ROBERT D ..... Newark, N. J.
BRANNIGAN, FRANK J ..... Ware, Mass.
DIEHL, FREDERICK A., JR ..... New York City
FINK, JOHN L ..... New York City
HERMES, HARRY L ..... New York City
HUNT, FRANK L ..... Smithtown Branch, L. I.
LOUGHLIN, JOHN J ..... New York City
MACHOL, ARTHUR ..... New York City
MAZZONI, PHILIP ..... Town of Union, N. J.
MILLER, HARRY ..... Portchester, N. Y.
MONELL, LEON ..... Binghamton, N. Y.
MORRIS, SOLOMON ..... New York City
NOBLE, GIFFORD B ..... New Milford, Conn.
SOLOMON, SIGMUND ..... New York City
WEICKER, THEODORE ..... Stamford, Conn.
WILKINSON, SAMUEL ..... Livingston Manor, N. Y.
[17]

Junior College Class

ABELL, HARRY B ..... Gouverneur, N. Y.
ALES, FRANCESCO ..... New York City
ALTERMAN, SAMUEL J ..... Mt. Vernon, N. Y.
ANDES, ANTHONY J ..... Utica, N. Y.
ARONOWITCH, BORIS ..... New York City
ARONSOHN, MORRIS ..... Paterson, N. J.
ASERINSKY, BORIS ..... New York City
BARBIERI, BERNARD J ..... New York City
BARON, SAUL J ..... New York City
BARONE, VINCENT ..... New York City
BARRETT, CARL G ..... New York City
BARRY, MAURICE ..... New York City
BECKER, DAVID ..... Yonkers, N. Y.
BIALO, EMMANUEL ..... New York City
BLOOM, FAY (MISS) ..... New York City
BOEHME, FREDERICK W ..... New York City
BONANATTE, ALFRED ..... New York City
BRASWELL, IDELLE S. (MRS.) ..... New York City
BREININ, SAMUEL ..... New York City
BRESLAW, HARRY ..... New York City

Byk, Hirsch ..... New York City
Capeci, Ernest ..... Portchester, N. Y.
Carroll, Arthur J ..... Towanda, Pa.
Chrisman, Russell K ..... Syracuse, N. Y.
Davidson, Morris ..... New York City
Davis, Jacob ..... New York City
DeBiaso, Frank ..... New York City
DeLucia, Fiore L ..... New York City
DePasquale, Michael ..... New York City
DeVorkin, Harry ..... Bridgeport, Conn.
Donovan, George J ..... Terryville, Conn.
Drury, Edsell M ..... Middletown, N. Y.
Druss, Louis A ..... New York City
Dusart, Leonard P ..... New York City
Elkins, Harold C ..... Mexico, N. Y.
Falke, Leopold L ..... New York City
Feinberg, Samuel W ..... New York City
Gerstner, Robert R ..... New York City
Ginzburg, Sidney ..... New York City
Godduhn, Frances P. (Miss) ..... Jamaica, L. I.
Goodman, Emery I ..... New York City
Gorodess, Israel ..... New York City
Gorton, Graham F ..... Summit, N. J.
Goulko, Morris ..... New York City
Greenstein, Henry B ..... New York City
Guerrieri, Pasquale ..... Newark N. J.
Henriquez, George ..... New York City
Hlavac, Stanislau ..... New York City
Hochart, Eugene ..... Newark, N. J.
Iannotti, Osvaldo ..... New York City
Jacobs, Simeon A ..... New York City
Kaufman, Harry S ..... Newark, N. J.
Keeney, Ransom I ..... Wellsboro, Pa.
Kessler, Joseph ..... South Norwalk, Conn.
Klein, Julius ..... New York City
Kutyn, Pauline (Miss) ..... New York City
Lapetina, Antonio ..... New York City
Leonhardt, John C., Jr ..... New York City
Leonhardt, Louis H ..... New York City
Levine, Morris ..... Paterson, N. J.
Levitch, Sam M ..... New York City
Lieberfeld, Charles ..... Jersey City, N. J.
LoVece, Joseph ..... New York City
MacMillan, Malcolm ..... Dunmore, Pa.
Manashow, Isidore ..... New York City
Mattia, Antonia O ..... New York City
Mayerowitz, Peter ..... New York City
McDaniel, Hughett K ..... Dover, Del.
Michels, Jacob A ..... New York City
Miller, William F ..... New York City
Milnes, William E ..... New York City
Mirando, John W ..... New York City
Mistretta, Alessio ..... New York City
Moellering, Christian H. W ..... Jersey City, N. J.
Mussen, Wright S ..... Newburgh, N. Y.
Myers, Charles D ..... Cedarhurst, L. I.

O'Malley, Bernard ..... Scranton, Pa.
Ostrow, Michael ..... New York City
Paper, Julius ..... New York City
Pellettieri, Elias V ..... Utica, N. Y.
Pendola, Peter ..... New York City
Pipino, Anthony ..... New York City
Portoghese, Gaetano ..... New York City
Postrelke, Israel ..... New York City
Prinzivalli, Salvator ..... New York City
Realbuto, Louis ..... New York City
Reed, Walter C ..... Sea Bright, N. J.
Rossi, Eugene ..... New York City
Roth, Isadore ..... New York City
Savarese, Louis ..... New York City
Schauer, Carl E. F ..... Bayonne, N. J.
Schoen, Samuel ..... Corona, L. I.
Schussel, Richard ..... New York City
Seligsohn, Max ..... New York City
Selkin, Carl J ..... New York City
Shaftan, Julius J ..... New York City
Shutts, Christopher F ..... Harrison, N. Y.
Sicular, Myron ..... New York City
Sipple, Charles ..... Hancock, N. Y.
Sorgi, Andrew O ..... New York City
Spiegel, Hyman ..... New York City
St. Clair, Rob R ..... Tazewell, Va.
Taylor, Bertram H ..... Newburgh, N. Y.
Travers, Thomas J ..... New York City
Ventura, Antonio S ..... New York City
Wasserman, Jacob ..... New York City
Watman, Elizabeth (Miss) ..... Bayonne, N. J.
Weinar, Frank ..... Mt. Vernon, N. Y.
Woodbury, Lowell H ..... Portland, Me.
Zeitler, Fred ..... Gloversville, N. Y.

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Junior University Class

Andrews, Arthur ..... Mineola, N. Y.
Ansheles, Joseph ..... Port Richmond, S. I.
Buck, Ainslie ..... New York City
Calvelli, George ..... New York City
Calvelli, Eugene ..... New York City
Crockett, William G ..... Tazewell, Va.
Deffaa, George C ..... Bergenfields, N. J.
Finkelstein, William ..... New York City
Kopp, Jacob ..... New York City
Kranowitz, Louis H ..... New Britain, Conn.
Loya, Paul ..... New York City
Maid, Charles J ..... Tupper Lake, N. Y.
Meng, Frank, Jr ..... New York City
Muench, Albert A ..... Syracuse, N. Y.
Narcissi, Clement J ..... New York City
Nemser, Maximilian ..... New York City
Oehlers, Herbert C ..... Chestnut Hill, Conn.
Pickhardt, Elsa G. (Miss) ..... New York City

ROBERTIELLO, ATTILIO ..... New York City
ROBINSON, PAULINE M ..... New York City
SCHAEFER, HUGO H ..... New York City
SCHLEUSSNER, ROBERT C ..... New York City
SILVERMAN, THEODORE ..... New York City
SIMON, GUSTAV ..... New York City
TERRAGNI, MANLIO ..... New York City
THODE, WILLIAM F., JR ..... New York City
VEAL, WILLIAM ..... Columbia, S. C.
WHITE, CHARLES W ..... Dover, N. J.
[28]

Food and Drug Course

FREEDMAN, EPHRAIM ..... New York City
HART, FANNIE (MISS) ..... New York City
[2]

Graduate Course

BLUME, ROBERT L ..... Ansonia, Conn.
BREITENBACH, JULIUS M ..... New York City
MINOR, RODDIE (MISS) ..... New York City
REGNAULT, WALTER ..... New York City
[4]

Summary

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SUMMER SESSION

Administrative Board

Professor EGBERT, Director
Professor WOODBRIDGE,
Professor HERVEY, Registrar
Mr. KEPPEL, Dean of Columbia College
Professor FURST, Secretary of Teachers College

Recorder
Miss WADELTON

OFFICERS OF INSTRUCTION

Session of 1910

FRANK FROST ABBOTT, Ph.D., *History, Latin;* LUTHER HERBERT ALEXANDER, A.M., *Romance Languages;* FRANK FAYETTE ALMY, B.S., *Physics;* CARRIE VAN R. ASHCROFT, B.S., *Physical Education;* HARRY MORGAN AYRES, Ph.D., *English;* ELIJAH BAGSTER-COLLINS, A.M., *Education, German;* LAURA BALDT, *Household Arts;* CHARLES SEARS BALDWIN, Ph.D., *English;* JOHN SPENCER BASSETT, Ph.D., *History;* HAL TRUEMAN BEANS, Ph.D., *Chemistry;* ALEXANDER OTTO BECHERT, A.M., *German;* JULIUS AUGUST BEWER, Ph.D., *Hebrew;* FREDERICK REGINALD BEYGRAU, *Stenography;* WALTER VAN DYKE BINGHAM, Ph.D., *Psychology;* WILBUR PARDON BOWEN, M.S., *Physical Education;* ETHELWYN C. BRADISH, *Industrial Arts;* WILHELM ALFRED BRAUN, Ph.D., *German;* MARY DENNIS BRIGGS, *Industrial Arts;* ELMER ELLSWORTH BROWN, LL.D., *Education;* FRANCIS BROWN, D.D., *Biblical Literature;* HAROLD CHAPMAN BROWN, Ph.D., *Philosophy;* JOHN FRANKLIN BROWN, Ph.D., *Education;* CHARLES HOWARD BURNSIDE, M.A., *Mechanics;* RUSSELL BURTON-OPITZ, Ph.D., *Physiology;* LOTUS D. COFFMAN, A.M., *Education;* ROSSETTER GLEASON COLE, Ph.B., *Music;* MILDRED AVERILL COLLAR, *Library Economy;* FLORENCE R. CORBETT, *Household Arts;* CAROLINE CRAWFORD, *Physical Education;* CARLTON CLARENCE CURTIS, Ph.D., *Botany;* BERGEN DAVIS, Ph.D., *Physics;* JOHN A. DAVIS, *Physical Education;* WILLIAM HAWLEY DAVIS, A.M., *Public Speaking;* ALFRED T. DELURY, A.M., *Mathematics;* JOHN DEWEY, LL.D., *Philosophy;* DAVIS RICH DEWEY, Ph.D., *Economics;* ARTHUR WESLEY DOW, *Fine Arts;* LIDA BELLE EARHART, Ph.D., *Education;* ANDREW WHEATLEY EDSON, A.M., *Education;* JOHN ERSKINE, Ph.D., *English;* HERMON WALDO FARWELL, A.M., *Physics;* GEORGE IRVING FINLAY, Ph.D., *Geology;* JOHN DRISCOLL FITZ-GERALD, Ph.D., *Romance*

Languages; HENRY JONES FORD, *Political Science;* NELLIS B. FOSTER, M.D., *Biological Chemistry;* WILLIAM T. FOSTER, A.M., *Education;* JAMES EVERETT FRAME, A.M., *New Testament Literature;* SARAH JANE FREEMAN, A.B., *Manual Training;* LUCILE GRACE FRENCH, *Household Arts;* GRACE FULMER, *Kindergarten Education;* JOHN LAURENCE GERIG, Ph.D., *Romance Languages;* FRANKLIN HENRY GIDDINGS, LL.D., *Sociology;* WILLIAM JOHN GIES, Ph.D., *Biological Chemistry;* RALPH W. GIFFORD, LL.B., *Law;* WILLYSTINE GOODSELL, A.M., *Education;* CHARLES CLAYTON GROVE, Ph.D., *Mathematics;* THOMAS MCCHEYNE GUNN, A.M., *Engineering;* EVERETT J. HALL, *Chemistry;* WALTER HENRY HALL, *Music;* CARLTON HUNTLEY HAYES, Ph.D., *History;* VIVIAN ALLEN CHARLES HENMON, Ph.D., *Psychology;* WILLIAM ADDISON HERVEY, A.M., *German;* FREDERICK WILLIAM JUSTUS HEUSER, A.M., *German;* FREDERICK CHARLES HICKS, LL.B., *Library Economy;* PATTY SMITH HILL, *Kindergarten;* FRANK H. HILLYER, *Forging;* GRACE LILLIAN HITCHINGS, *Household Arts;* GEORGE THOMAS HOLM, *Swimming;* GEORGE HOLSTON, *Drawing;* WILL DAVID HOWE, Ph.D. *English;* OTTO VICTOR HUMANN, *Design and Painting;* CLARA WHITEHALL HUNT, *Library Economy;* CHARLES B. JOHNSON, *English;* ELIZABETH JOHNSON, *Education;* CAVALIER HARGRAVE JOÜET, Ph.D., *Chemistry;* HELEN REX KELLER, B.L., *Library Economy;* SARA LAWRENCE KELLOGG, *Library Economy;* WILLIAM HEARD KILPATRICK, A.M., *Education;* GEORGE WASHINGTON KIRCHWEY, LL.D., *Law;* CHARLES KNAPP, Ph.D., *Greek, Latin;* GEORGE WILLIAM KNOX, D.D., *Philosophy* and *History of Religion;* AZUBAH JULIA LATHAM, A.B., *English;* ELIZABETH C. LANGE, *Household Arts;* GEORGE HERBERT LING, Ph.D., *Mathematics;* ARTHUR A. LIVINGSTON, A.B., *Romance Languages;* LOUIS A. LOISEAUX, B.L., *Romance Languages;* WILLIAM H. MCCASTLINE, M.D., *Physical Education;* NELSON GLENN MCCREA, Ph.D., *Latin;* CHARLES T. MCFARLANE, D.Pd., *Geography;* JAMES HOWARD MCGREGOR, Ph.D., *Zoölogy;* FRANK MORTON MCMURRY, Ph.D., *Education;* GRACE HARRIET MACURDY, Ph.D., *Greek;* JOHN ANGUS MACVANNEL, Ph.D., *Education;* MELINDA I. MANCHESTER, *Household Arts;* CHARLES RIBORG MANN, Ph.D., *Physics;* ARTHUR RAY MAXSON, A.M., *Mathematics;* RALPH EDWARD MAYER, C.E., *Mechanical Drawing;* JAMES ALEXANDER MILLER, M.D., *Medical Diagnosis;* PAUL MONROE, Ph.D., *Education;* WILLIAM PEPPERRELL MONTAGUE, Ph.D., *Philosophy;* JOHN HAROLD MORECROFT, E.E., *Engineering;* J. LIVINGSTON R. MORGAN, Ph.D., *Chemistry;* LEIGHTON B. MORSE, Ph.D., *Physics;* ALFRED J. MOSES, Ph.D., *Mineralogy;* HENRY RAYMOND MUSSEY, Ph.D., *Economics;* JOHN M. NELSON, Ph.D., *Chemistry;* WILLIAM NOYES, A.B., *Manual Training;* GEORGE BRAXTON PEGRAM, Ph.D., *Physics;* JOSEPH PLASS, *Library Economy;* HENRY STEPHEN REDFIELD, LL.D., *Law;* ARTHUR FRANK JOSEPH REMY, Ph.D., *German;* HENRY ALFORD RUGER, A.B., *Psychology;* ROBERT LOUIS SANDERSON, *Romance Languages;* EMILY C. SEAMAN, A.M., *Household Arts;* HENRY CLAPP SHERMAN, Ph.D., *Chemistry;* JAMES THOMPSON SHOTWELL, Ph.D., *History;*

Lewis Parker Siceloff, A.B., *Mathematics;* Alexander B. Siegel, *Law;* David Eugene Smith, LL.D., *Mathematics;* Roxana A. Steele, *Education;* Seth Thayer Stewart, LL.B., *Physical Education;* Cliff Winfield Stone, A.M., *Education;* Mary Davies Swartz, Ph.D., *Household Arts;* Sallie B. Tannahill, *Fine Arts;* Edward Thatcher, *Manual Training;* Edward Lee Thorndike, Ph.D., *Educational Psychology;* Evelyn Smith Tobey, *Household Arts;* Rudolf Tombo, Jr., Ph.D., *German;* Catherine Spencer Tracey, *Library Economy;* William Peterfield Trent, LL.D., *English;* James H. Tufts, LL.D., *Philosophy;* Karl Max Vogel, M.D., *Clinical Pathology;* Hermann T. Vulté, Ph.D., *Domestic Science;* Augustus Baldwin Wadsworth, M.D., *Bacteriology;* John J. Walsh, *Machine Work;* LaMont A. Warner, *Household Arts;* John Broadus Watson, Ph.D., *Psychology;* Raymond Weeks, Ph.D., *Romance Languages;* Charles William Weick, B.S., *Manual Training;* Henry Seely White, Ph.D., *Mathematics;* Walter George Whitman, A.B., *Chemistry;* Ruth Wilmot, *Household Arts;* J. Paul Jones Williams, C.E., *Engineering;* Roland Hugh Williams, A.M., *Chemistry;* Irvah Lester Winter, A.B., *English;* Frederick A. Woll, *Physical Education;* Francis Carter Wood, M.D., *Clinical Pathology;* Robert Sessions Woodworth, Ph.D., *Psychology.*

Assistants

Frank W. Barber, *Elementary Education;* Ellen A. Beers, *Household Arts;* Clara R. Bennett, *Elementary Education;* Frederick Beyerman, Jr., *Physical Education;* Dorothy Bocker, *Physical Education;* Milledge L. Bonham, Jr., *History;* Albert C. Boyle, Jr., *Geology;* Joseph Breitweiser, *Psychology;* F. Stuart Chapin, *Sociology;* Hubert R. Cornish, *Education;* Bernard Ogilvie Dodge, *Botany;* Dayton James Edwards, *Zoölogy;* Harry Linn Fisher, *Chemistry;* William Haller, *English;* Canute Hansen, *Physical Education;* Florence Mary Healy, *Physical Education;* M.B. Hillegas, *Educational Psychology;* Margaret C. Hull, *Household Arts;* Burton W. Kendall, *Physics;* Esther Everett Lape, *English;* Anna Leland, *Household Arts;* Mignon Levin, *Education;* Mary Lidbetter, *Fine Arts;* Robert Franklin McCracken, *Chemistry;* Annie E. Moore, *Education;* William Harold Peterson, *Chemistry;* Frank F. Rosenblatt, *Economics;* Willard Leslie Severinghaus, *Physics;* George F. Schattinger, *Chemistry;* Helen Schwarz, *Industrial Arts;* Edgar Howard Sturtevant, *Latin;* Arthur L. Taft, *English;* Anna C. Thornton, *Physical Education;* Eleanor Wright, *Education.*

In Charge of Excursions, Leonidas Wakefield Crawford, A.M.
Lecturer and Chorus Leader, William Henry Hall.
Organist, William J. Kraft.
Social Secretary, Teachers College, Mrs. William H. Kilpatrick.

GENERAL STATEMENT

The eleventh Summer Session of the University opened July 6, 1910, and closed August 17. The registration days for the Summer Session were July 1, 2, and 5. Examinations for certificates were held on August 17.

Courses were offered to men and women on equal terms, in assaying, biblical literature, biology, book-binding, botany, chemistry, domestic art, domestic science, economics, education, engineering, English, fine arts, freehand drawing, French, geography, geology, German, Greek, Hebrew, history, household arts, industrial arts, Italian, kindergarten, Latin, law, library economy, manual training, mathematics, mechanical drawing, mechanics, medicine, mineralogy, music, philosophy, history of religion, physical education, physics, physiology, politics, psychology, public speaking and oral reading, Romance languages, sociology, Spanish, stenography, and zoölogy.

Each course consisted of thirty lectures or other exercises, or their equivalent in laboratory or field work. Credit for such courses in the Summer Session as are accepted by the several Faculties of the University in partial fulfilment of the requirements for degrees or for diplomas in teaching is given upon the satisfactory completion of the course, including the final examination.

Fees

(See page 39)

The tuition fee for the Summer Session is $30, which covers courses of instruction aggregating six points credit, the normal limit allowed by the regulations.

For the *Announcement* of the Summer Session of 1911, which will open July 5 and offer a wide range of courses, or for information regarding dormitory accommodations, or board and lodging, address the Secretary of Columbia University, New York.

Registration, Session of 1910

Copies of the separately printed *Directory of the Summer Session, 1910*, may be had upon application to the Secretary of the University. In this catalogue, at the end of the Register of Students under each Faculty, will be found a list of the Summer Session students of 1910 who matriculated under that Faculty, but who did not return to register in September.

Summary

I.	Non-matriculated		1423	54.12%
II.	Matriculated:			
	1. Columbia College	137		
	2. Barnard College	54		
	3. Mines, Engineering, and Chemistry	142		
	4. Law	12		
	5. Medicine	3		
	6. Fine Arts	20		
	7. Political Science	54		
	8. Philosophy	332		
	9. Pure Science	69		
	10. Teachers College	383		
			1206	45.88%
			2629	100.00%

EXTENSION TEACHING

ADMINISTRATIVE BOARD

NICHOLAS MURRAY BUTLER
President of the University

JAMES CHIDESTER EGBERT, PH.D.
Professor of Latin
Director of Extension Teaching

FREDERICK J. E. WOODBRIDGE, LL.D.
Johnsonian Professor of Philosophy

WILLIAM ADDISON HERVEY, A.M.
Associate Professor of the Germanic Languages and Literatures
Registrar of the University

FREDERICK PAUL KEPPEL, A.B.
Dean of Columbia College

CLYDE FURST, A.M.
Secretary of Teachers College
Assistant Professor of English

OFFICERS OF INSTRUCTION

Instructors—E. E. AGGER, R. ALTROCCHI, H. T. BEANS, A. O. BECHERT, C. P. BERKEY, Miss M. L. BOLLERT, W. A. BRAUN, G. M. BRETT, H. C. BROWN, C. H. BURNSIDE, R. BURTON-OPITZ, Miss G. L. COOK, W. F. COOLEY, H. E. CRAMPTON, A. J. CROSS, C. C. CURTIS, F. B. DOW, W. A. DUNNING, W. O. FARNSWORTH, H. W. FARWELL, J. K. FINCH, W. W. FISHER, H. W. FROHNE, C. GALWEY, C. R. GASTON, J. L. GERIG, A. W. GRABAU, E. A. GREENLAW, N. E. GRIFFIN, C. C. GROVE, W. A. HALLOCK, C. M. HAMILTON, C. A. HARRIMAN, T. H. HARRINGTON, C. H. HAYES, W. A. HERVEY, F. W. J. HEUSER, P. HODGE, H. L. HOLLINGWORTH, L. IMBERT, J. W. INGLE, O. KRESS, C. F. LAVELL, D. P. LOCKWOOD, L. A. LOISEAUX, A. R. MAXSON, J. C. MITCHILL, H. F. MULLER, A. C. NEISH, R. OSBURN, H. V. E. PALMBLAD, F. P. PATTERSON, W. B. PITKIN, A. W. PORTERFIELD, J. F. REIGART, J. H. ROBINSON, H. F. ROSS, H. RUGER, E. M. SAIT, H. S. SCHULZE, R. C. SCHUYLER, W. R. SHEPHERD, J. T. SHOTWELL, L. P. SICELOFF, C. G. SIMPSON, E. R. SMITH, H. R. STEEVES,

A. D. Tassin, J. L. Tynan, C. Van Doren, A. F. Westcott, F. A. Woll, Miss E. Wood, Miss T. E. Wye.

GENERAL STATEMENT

The statutes of the University (Section 230) define Extension Teaching as "instruction given by University officers and under the administrative supervision and control of the University, either away from the University buildings, or at the University, for the benefit of students unable to attend the regular courses of instruction."

Students

Courses in Extension Teaching are planned for two classes of students,—*first*, men and women who can give only a portion of their time to study and who desire to pursue subjects included in a liberal education of the character and grade of a college or professional school, but without any reference to an academic degree,—*second*, those who look forward to qualifying themselves to obtain in the future academic recognition, involving acceptance of the work which they may satisfactorily complete in Extension Teaching.

COURSES OF INSTRUCTION

The Administrative Board of Extension Teaching has arranged for the academic year 1910–11 regular courses of instruction in many instances co-ordinated so as to form the first year of collegiate and professional work. Thus there are given in the evening at Morningside Heights, and at 33 East Park Street, Newark, N. J., courses in subjects which are offered in the Freshman year of Columbia College and Barnard College. At the Central Branch of the Y.M.C.A., in Brooklyn, two academic years and one collegiate year are offered.

There are offered at Morningside Heights in the evening subjects which form the first year of the Schools of Mines, Engineering, and Chemistry.

Evening courses in architecture which correspond to the courses of the first year of the Columbia University School of Architecture are given in the Engineering Societies building in West Thirty-ninth Street.

A large number of other courses in varied subjects are given late in the afternoon and on Saturday which repeat those in liberal studies offered in the Colleges of the University. These are given in the same manner and often by the same instructors as the regular courses. In many instances university credit is granted.

Numerous courses are given at various centres. These are either regular courses of collegiate grade or those preliminary thereto or lecture courses arranged in groups of six lectures offered weekly or fortnightly.

Lecture-study courses in certain subjects forming thirty lectures alter-

nating with quiz or conference hours are given at Morningside Heights and at centres when requested.

Fees

All students, matriculated or non-matriculated, admitted to Extension courses, must pay the fees determined by the Administrative Board. In certain instances the fees are stated with the announcement of the course. As a rule, the fee for Extension courses is determined at the rate of $5 per point, *i.e.*, for one hour per week of classroom work, or two hours of laboratory or drawing-room work through a term.

Students in courses in local centres will either pay the fee arranged by the local centre or the usual fee described above.

Admission

No test or examination is required for admission to courses offered in Extension Teaching, but students must satisfy the Administrative Board that they can pursue the courses with advantage. It is expected that the prospective student in all collegiate and professional courses shall have had a full secondary school education. The courses are open, unless it is otherwise stated, both to men and women. The Administrative Board reserves to itself the right to refuse admission to a course or to withdraw the privilege of attendance upon a course which the student is unfitted to pursue with advantage, or because of non-payment of fees.

Students who are duly admitted to Extension courses but are not candidates for a degree or diploma are termed *non-matriculated* students. Students who have completed the requirements for admission and have been formally admitted by or in behalf of the Faculty concerned as candidates for a diploma or degree, are termed *matriculated* students.

Courses in Extension Teaching, approved by the Committee on Instruction, are credited for matriculated students, toward the degrees of A.B. and B.S. in Columbia College and Barnard College, and toward the degree of B.S. and the diplomas in Teachers College, in accordance with the regulations established by the various faculties.

Courses in Extension Teaching, approved by the Executive Committee of the Council, will count toward the degree of A.M., in accordance with the regulations of the University Council.

For detailed information as to the places and hours for these courses, both at the University and at the several local centres, the qualifications for admission, the regulations for registration, candidacy for degrees, diplomas, attendance and examinations, the fees prescribed, and for a statement of each course offered, see the *Announcement of Extension Teaching 1910–11*, which may be obtained without charge upon application to the Secretary of the University.

DEGREES CONFERRED DURING 1909–10

Degrees are conferred at the October and February meetings of the University Council and on Commencement Day.
See the Academic Calendar

Columbia College

Bachelor of Arts

Thomas Alexander (February 7)
Paul William Aschner
Francis Nathan Bangs
Harold Purdy Banks
John Gordon Baragwanath
Ray Foster Barnum
Abraham Baroff
Samuel Belinkoff
Benjamin Berinstein
Max Block
Mortimer Brenner
John Benjamin Brittain
Raymond Shiland Brown
Walter Gerard Buckisch
Charles Rivers Carroll
George Oliver Castell
Emanuel Celler
Joseph Hertz Cohen (February 7)
Frederick Sturges Cooper
Ralph Copeland (October 1)
Charles Ryle Danforth
Henry Vane Bearns Darlington
Harry T. Davimos
Frank Braithwaite Devlin
Morton Brinckerhoff Doremus
Earl Vincent Dye
Frederick R. Elsasser
Bernard Epstein
Robert Scarborough Erskine
Herbert James Flower
Jonathan Force, Jr.
William Andrews Ford
Robert Ludlow Fowler, Jr. (February 7)
Leon Fraser
Leon Wells Gibson
Sydney Lion Goodman
Edward John Grant (June 2, 1909)
Harold George Gulliver
Leland Hays
Thomas Francis Healy
Dudleigh Hill
Edward Hinman, Jr.
Alfred Norton Joerg
John Dotha Jones (February 7)
Edgar Jesse Kätz (October 1)
Theodore Kiendl, Jr.
Leonard Klein
Leopold Klein
Max Louis Krinsky
William Langer
Garibaldi Mario Lapolla
Raymond Lawrence
Daniel Leary, Jr.
Leicester Crosby Lewis
Herbert Marks Lippman
Immanuel Lührs (October 1)
John Joseph Lynch
Robert John MacColl (February 7)
Luther Graham MacConnell
John Hamilton Marchmont
Henry Luther Mellen
William Moitrier, Jr.
Eugene Frederic Moses
Herman J. Muller
John Alexander Murray, Jr.
Ransom Noble
John J. O'Connell, Jr.
Edgar Howard Osterhout
Lincoln Paddock
Royce Paddock
William DeForest Pearson (February 7)
Edward Heyman Pfeiffer
Maurice Picard
Charles Homer Ramsdell
Walter Rinck
Louis Harry Robinson
George Jacob Rosenthal
Clarence Schmelzel
Harold Seely Schultz
Robert Paul Schur
Andrew J. Graham Sexton
Henry Boothroyd Shaw

Geddes Smith
James E. Sterritt
Harold Van Vredenburgh Story
Richard Leo Swanton
Samuel Wm. Tannenbaum
Thomas Francis Thornton
Dallas Selwyn Townsend
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Euen Van Kleeck
Morgan Dix Watson (February 7)
Paul C. Werner
Henry Valentine Wildman, Jr.
Rollo Linsmore de Wilton
Arthur Yokel (February 7)
Ludlow Hoffmann Van der Burgh
(October 1, 1908)

Bachelor of Science

Norman Hoag Angell
Pascal Joseph Artinash
Frederic Otto Berge (October 1)
F. Warner Bishop
Ernst Philip Boas
Sidney Born
Samuel Meir Cohen (February 7)
Condit Walker Cutler, Jr.
Leonard Harold Davidow
Harry Solomon Davidowitz
McKee Duncan
August Koelsch Eccles
Daniel Moore Fisk
W. Austin Galvin
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George Goldberg
Louis Grossbaum
Warren H. Heins
Oscar Hochberger
Russell Thorp Kirby (February 7)
Gregory Kistler
Philip Kraft, Jr.
Oscar Levine (October 1)
William Mayer Schlossman
Edward Philip Smith
Edward Sternberg
Harold Cammeyer Todd
Eli Saul Wolbarst
Virginius Victor Zipris

Barnard College

Bachelor of Arts

Alta Anderson
Clarice Auerbach
Mary Witter Bailey
Tessie Barrows
Mary Harriet Bishop
Lena Bohan
Gladys Alden Bonfils
Frances Burger
Ruth Childs (February 7)
Clarita Frances Crosby
Helen Louise Crossman
Hetty Anna Dean
Mildred Downs
Elise Savoye Eddy
Margery Eggleston
Lilian Egleston
Maude Emma Emery
Edna Margaret Fancher
Bertha Harriet Firebaugh
Carrie Orr Fleming
Marie Louise Flint
Harriet Ruth Fox
Rachel Moore Frame
Gretchen Malwine Franke
Marian Lathrop Gibson
Eleanor Lavine Graham
Florence Ethel Greene

Nannette Frances Hamburger
Edna Heller
Grace Henderson
Nathalie Henderson
Anna Louise Herrmann
May Therese Herrmann
Antoinette Dyett Hill
Bessie Holzman
Florence Isabel Hopewell
Stella Louise Hopewell
Gertrude Laura Hunter
Anne Huntington
Violetta Jackson
Mary Voorhees Jaques
Dorothy Browning Kirchwey
Ethel Elizabeth Lawrence
Rose Adelaide Levy (February 7)
Adelaide Loehrsen
Doris Long
Mabel Dorothy McCann
Josephine MacGrath
Christella Frances MacMurray
Eleanor Marion Martin
Grace Edith Meier
Virginia May Mollenhauer
Marion Julia Monteser
Rosanna Moses

Mary Nammack
Elizabeth Nitchie
Jessie Ray Nottingham
Agnes Teresa O'Donnell
Margaret Mary Alacoque O'Donnell
Edna Adeline Palmer
Rosetta Frances Platt
Elsie Plaut
Elizabeth Rawcliffe
Florence Wallace Read
Grace Amelia Reeder
Dorothy Reilly
Margaret Renton
Beatrice Alma Ritch
Florence Estelle Rose
Corinne Ethol Russell
Mildred Deshon Schlesinger (February 7)
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Agnes Gardner Shaw
Ethel Lord Shaw
Sulamith Silverman
Léonè Spalding
Hetta Stapff
Olive Thompson
Agnes Thomson
Nathalie Thorne
Julia Anna Wagner
Etta Adelaide Waite
Hazel Irene Wayt
Marion Weinstein
Ethel Genevieve Weston (February 7)
Alma Wiesner
Helene Benedict Wise
Hazel Woodhull
Helen Darlington Worrall

Bachelor of Science

Elizabeth Vyse Dunnet
[2]
Johanna Julia Schwarte

Bachelor of Laws

Reese Denny Alsop, Ph.B.
Jacob Asher, A.B.
Harley A. Ault, A.B.
Lorenzo W. Baldwin, A.B.
Karl Howell Behr, B.S.
Lee Herbert Berliner, A.B.
Louis Garner Bissell, A.M.
Walter George Brandley, A.B.
Lonnie L. Campbell, A.B.
Carlo D. Cella, A.B.
Henry Eagle Chapin, A.B.
Wilbur Harkness Cherry, A.B.
Clement Moffat Cooder, Litt.B.
Nathan Coplan, B.S.
John Willoughby Crandall, A.B.
Butler Disman, A.B.
Erastus Roy Dorsey
Trafton M. Dye, A.B.
Ernest Rhea Early, A.B.
Louis W. Exstein, Ph.B.
Hans P. Freece, A.M.
Clayton Thomas Archibald French, A.B.
Olin Potter Geer, A.B.
Harold Milton Goldblatt, A.B.
Russell I. Hare, A.B.
Edward Henry Hart, A.B.
Moses Milton Herman, A.B.
Gilbert J. Hirsch, A.B.
Allen Tilton Hopping, A.B.
Joseph Warren House, Jr., A.B.
Hermann Albert Hülsmann
Alfred Christopher Intemann, A.B.
George Washington Jaques, A.B.
Julius Kahn
Charles J. Katzenstein, A.B.
Walter Edward Kelley, A.B.
Leo Charles Kelly, A.B.
Milton Reed Klepper, A.B.
Frederick William Kobbé, A.B.
Mortimer Lanzit
Albert Melvin Levy, A.B.
Arthur S. Levy, Jr., A.M.
Lee McCanliss, A.B.
Washington Jay McCormick, A.B.
Neil Worthington McGill, A.B.
Charles Francis McLaughlin, A.B.
James Bernard McLaughlin
Drelincourt Mathews Martin, A.B.
William H. Milholland, A.B.
Milton Alexander Mills, Jr., A.B.
Marcus Lipscomb Moremen, B.S.
Albert S. Mortimer, A.B.
George Norris, A.B.
Ambrose Aloysius O'Connell, Ph.B.
William Burgess Osterhout, A.B.
J. Lewis Parks, Jr., A.B.
John Damon Peabody, A.B.
James Osborne Putnam, A.B.
Arthur Rathjen, B.S.

Fairfax Addison Reilly, A.B.
John Louis Reiner, A.B.
William A. Reynolds
Benjamin Franklin Riter, Jr., B.S.
John Sherman Robinson, A.B.
Walter Joseph Rose, A.B.
Edward Curtis Rouse, A.B.
Paul Sheehan, A.B.
Ira Skutch, A.B.
Allan Smith, A.B.
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Joseph Hopkins Stanley, A.B.
Sam Jones Stiggins, A.B.
Prescott Leggett Swain, A.B.
Frank Robert Swartwout, A.B.
Arthur George Thomas, A.B.
George Coolidge Tuttle, A.B.
Stephen Lott Vanderveer, A.B.
William Collins Vandewater, A.B.
Addison Allen Van Tine, A.B.
Edward Washburn Walker, A.B.
Philip Weltner, A.B.

Doctor of Medicine

John Arena, Ph.G.
Oscar Israel Baumann, A.B.
Solomon Beck
Abraham Jacob Bell, B.S.
Harold Kennedy Bell, A.B.
Theodore Bender
Harry Lambert Bibby
Murtha Paul Blaber, A.B.
Julius Blum, A.B.
Frederic Lane Brown, A.B.
Ellis Campus, B.S.
Harold Aaron Cohen, B.S.
Samuel Cohen, A.B.
Philip Gillett Cole
Vander Franklin Couch, B.S.
Frederick Henry Dieterich
Selim Hanna Dik, A.B. (June 2, 1909)
Joseph Edward Donnelly, A.B.
Eugene Augot Dupin, Phar. D.
Sumner Everingham, A.B.
Henry Charles Falk
George Moses Feldstein
James Smith Ford
Anthony Curt Freeman, A.B.
Morris Friedson, A.B.
Herman Charles Fuhrman
Benjamin Applegate Furman, A.B.
Victor Goldberg, B.S.
Harry Goodfriend
Abraham Gottlieb
Edwin Henes, Jr., A.B.
William Warren Hildreth, A.B.
Randal Edward Hoyt, B.S.
Thomas Brannon Hubbard, A.B.
Edgar Alexander Ill, B.S.
[70]
James Albert Jackson, Jr.
Harold Brown Keyes, A.B.
Abraham Lebendig
William Gladstone Lemmon, B.S.
Merrill Kirk Lindsay
William Bayard Long
Andrew J. Love
Kenneth Rose McAlpin, A.B.
Malcolm McBurney, A.B.
John Alexander McCreery, A.B.
Harold Ruckman Mixsell, A.B.
Francis William Moore
Arthur Edwin Neergaard, A.B.
Vincenzo Pascale
Edward Carter Perkins, A.B.
Daniel Poll, A.B.
Howard Beck Reed, B.S.
Maurice Joseph Reidy
Frank Isaac Ridge
Charles Rosenbaum
Carl Thorburn Ross, A.B.
Charles Henry Sanford
Morris Mott Sweeney, B.S.
David Aaron Swick, B.S.
Percy Edward Swift
Arthur Hutchinson Terry, Jr., A.B.
Norman Brown Tooker, A.B.
Henry Edwin Utter, A.B.
Royal Cornelius Van Etten, A.B.
Edmund Levings Warren
David Henry Webster, A.B.
Julius Shaw Weingart, A.B.
Herbert Joseph Wiener, A.B.
Robert Henry Wilds, B.S.
James Newbegin Worcester, A.B.

Engineer of Mines

William Roger Bamber (October 1)
Kenneth Caulfield Browne
Henry Coffin Carlisle, Ph.B.
Theodore Benton Counselman
George Welsh Danehy (October 1)
Morris B. Evans (February 3)

Thayer Boswell Farrington
Martin Butler Gentry, Ph.B. (October 1)
Kingdon Gould (October 1)
Lester Eames Grant, A.B. (October 1)
Warren Earle Greenough
Jefferson Hayes-Davis, B.S.
Ralph T. Hirsh
George Bürkle Holderer (February 7)
David Llewellyn Curtwright Hover
John Innes Kane, Ph.B.
Everett Bodine Latham, LL.B. (October 1)
Eugene Hamilton Leslie, A.B. (October 1)
Robert E. McConnell
Edwin Alexander McKanna
John W. Maller
[39]

Austin Gerry Marsh
Arthur B. Menefee, B.S.
Francis William Moore, A.B.
David Murray Obler, B.S.
George Milton Richards (February 7)
Jacob E. Rypinski
Philip von Saltza (October 1)
Charles Frederick Schnepp
Thomas K. Scott
William Hugh Shearman
Alexander Herbert Smith
Theodore Syverson (October 1)
Malcolm Macfarlane Thompson (October 1)
William W. Tonking
Frederick Bevan Tough
Robert Hinckley Townsend, A.B.
Ray Epperson Walters, A.B.
Frank A. Wardlaw, Jr.

Metallurgical Engineer

Lawrence Ripley Clapp
[3]

Clarence White Daniels
Marion Hawthorne Merriss

Civil Engineer

Ellis J. Arkush
Theodore Stoddard Babcock
George Erle Beggs, A.B.
Kitchell Monckton Boorman, A.B.
William Morgan Carpenter, A.B. (February 7)
Irving J. Davis (February 7)
Edward A. Dougherty
Hector Duenas, A.B. (October 1)
Morris M. Goldstein
Samuel L. Goldstein
Morris Goodkind, A.B.
Elmer E. Goodwin
Clifford Gray, E.E., A.M. (October 1)
Harry A. Hanigan, A.B.
Albert C. Kaestner
Howard Paul Laurent
[31]

J. Oswald Lombard, M.E. (October 1)
Joel D. Marder
Robert Hugh Marwick, A.B.
Ira Merlis, B.S.
Thomas Argo Robinson (October 1)
John Tietjen Rodenburg
Daniel Santelices
Ernest Wilbur Soule
Lester Holt Spalding (October 1)
George Earnest Strehan, B.S. (October 1)
Henry Phillip Tappan Van Keuren (October 1)
Joseph Weinstein
Alfred Ahier Wickenden
Harold Williams
George E. Zabriskie (February 7)

Electrical Engineer

Julius Aceves
Arthur Lowrey Broe
Victor Hugo Carples, A.B.
William Edwin Clemson
Frederick S. Dellenbaugh, Jr.
Marcus B. Fich (October 1)
Humberto Fonts (October 1)
Ellwood Burdsall Griffen
Seymour Guthorn

Adolph Martin Hamann
Edward Joseph Hinkel (October 1)
Randall Moss Keator
Arthur Washington Lunn, A.B.
Francis Vincent McGinness
Milton Crawford Mapes (October 1)
Alexander Lassen Miltenberger (October 1)
Gino B. di Moise

Alvin Leslie Powell
Lucian Restrepo (October 1)
Conway Wing Shearer, A.M.
Abraham Sprung
Raymond Wright Stafford
[27]

Herbert Harlow Struthers (October 1)
Peter Louis Téa, B.S.
David Francis Tobias
Leslie S. Webster
DeWitt Vanderbilt Weed, Jr.

Mechanical Engineer

Robert Barbour
Charles Munton Bowes
F. Rutledge Davis
Henry Drew Egbert
Aleksander P. Gwiazdowski
David Sulzberger Herzog
[12]

Carl Adolf von Malmborg
Walter Weckerle Oakley
Arthur L. Semel
Manuel de la Torre, A.B., B.S. (October 1)
Edgar August Ullman
Louis Morris Zach

Bachelor of Science in Chemistry

Robert Mansfield French (February 7)
[1]

Chemist

William Steinschneider
[2]

Ernest Charles Thompson

Chemical Engineer

Samuel Baer
Monroe Heller Daniels
Horace Terhune Herrick, A.B.
[6]

Wadel Abram Lipstate
Malcolm D. Malcomson
Robert Kenneth Murphy

Bachelor of Architecture

Joseph Herendeen Clark, A.B.
Gilbert James Fudji
Samuel Lightner Hyman
[6]

Folger Johnson
Leonardo Morales (February 7)
Howard Dwight Smith

Bachelor of Science in Architecture

Eugene Henry Klaber
[2]

MacDonald Mayer

Certificate of Proficiency

Albert E. Flanagan
[3]

Otto Frederick Langman
Edward Gunther Schmidt

Bachelor of Music

Henry Hewitt Fuchs, A.B.
[2]

Alma Webster Powell, LL.B.

Bachelor of Science in Education

Ethel Buel Allen
Laura Julia Armstrong
Harriet Avery

Ruth Ann Babcock
Laura Irene Baldt]
Frank Weston Barber (February 18)

Janet Conklin Bates
Raymond Michael Batt
Hadassah Candee Beecher
Mary Porter Beegle
Ellen Amelia Beers
Centennia Celia Bellinger
Francisco Benitez
Alpha Norma Bigley
Annie Blair
Martin Bruce Bogarte
Cheshire Lowton Boone (November 19)
Gladys Allison Borden
Sara Wells Bostwick
Jessie Nelson Braley
Margaret Dryden Brewer
Edith Haslam Brown
Norma May Brown
May Margeret Chapman
Margaret Belle Collins
Hubert Ray Cornish
Nina B. Crigler (November 19)
Wilson Sheldon Dakin
Marion Brockway Dana
Helen Lee Davis
Anna Susanna Decker
Mary Agnes Dingman
Lilian Elizabeth Dodd
Margaret Dyer
Ida Myra Eells
Florence Frances Enk (November 19)
Jeannette Ezekiels
Elizabeth FitzHugh Ficklen
Etta Hart Fink
Alma Jessie Finlayson (February 18)
Marion Rosel Fleischman
Carolyn Louise Francis
Ruth Hawthorne French
Louise Marc Gambier (February 18)
Geralda Gianella (February 18)
Edith Hortense Glück
Evelyn M. Goldsmith
Anne Grace Goodsell
Kathleen Mary Hackett
Anna Bingham Hammond
Marian Handy
Lucia Montana Hastings (November 19)
Ruth Belt Hawes
Katherine Sherman Hazeltine
Maude Cornelia Hill
Hilary Herbert Holmes
Ethel Louisa Howard
Alice Clark Hubbard
Ida Matilda Isdell
Worthy Johnson
Charlotte Kemna
LeRoy Albert King
Thomas Bruce Kirkpatrick
Lillian May Kreiner
Edna Kutnewsky
Anna Lee Leggett
Stella Grace Leist
Anna Littlefield
Maud Elizabeth Love
Henry Schale Lupold
Lola McClain
Meta Josephine McClelland
Marguerite McClenaghan
Myrtle Elizabeth McCormick
Anna Louise McDonald
Margaret Odell McGowin
Samuel Hugh McIlroy
Matilda Jane McKeown
Letitia Lane Magee
Melinda Ida Manchester
Lazarus Emmanuel Marks
Grace Marshall (November 19)
Laura Emilie Mau
Robina Webb Mickle
Florence Middleton
Bruce Eman Millikin
Sarah Louise Montgomery
Annie Egerton Moore
Edith St. John Morris
Mary Florence Morris
Grace Lawrence Morrison (November 19)
Alice Irene Morrissey
William Joseph O'Brien
Anna Aurelia O'Connell
Helen Warner O'Neill
Camilo Osias
Susannah Ott
Clara Belle Palmer
Zella Winona Parker
Adelaide Maria Parsons
Evelyn Louise Patterson (February 18)
Clara Helene Planer
Rosalie Pollock (November 19)
Lucy Emma Potts
Charlotte Sophia Procknow
Ida Pruitt
Roupen Stepan Racoubian
Leila Reppenhagen
Grace Ellingwood Rich
Elizabeth M. Richards (February 18)
Ethel Robinson
Harriette Shattuck Rogers
Helen Schwarz
Esther Beatha Seleen
Anne Selleck
Caroline Noble Shaw (November 19)

Myra Anne Sinclair
Emma Annetta Singer
Margaret Adams Sloan
Jennie Small
Edith Ives Smith
Juliet Shannon Smith
Esther L. Snook
Stella May Stephens
William Weller Strader (February 18)
Clara Katherine Stutz
Isabel Sutherland
Edith Juliet Swan
Lula Ella Thomas
Elizabeth Ethel Thompson
Elise Timberlake
Théophile Trottier
Mary Louise Tuttle
Hugh W. Twaddle (November 19)
Gertrude Van Auken Tyndall
Siegried Maia Hansen Upton
Sadie Bird Vanderbilt
[157]
Anna May Van Schaick
Ida Carol Wadsworth
May Eugenia Wakeman
Isabel Fitch Walker
Gertrude M. Walsh
Elizabeth Harrison Ward
Mabel Ward
Sarah P. Watson
Raymond Melbourne Weaver
Corabel Weimer
Emeline Storm Whitcomb
Margaret Mary Widmer
Flora Wilber
Alice Wildman
Grace Irene Williams
Roberta Pauline Wilson
William Henry Wilson (November 19)
Cora Marguerite Winchell (November 19)
Frederic Albert Woll
Matilda Woolich
William Deitz Young

Doctor's Diploma in Education

Harry Erwin Bard
Willystine Goodsell
John Dearling Haney
Isaac Leon Kandel
[8]
Gerhard Richard Lomer
Anne M. Nicholson
Peter Sandiford
Izora Scott

Master's Diploma in Education

Fiske Allen (Mathematics)
Josephine Katrina Bauer (Elementary Supervision)
John Reuben Beachler (Elementary Supervision)
Arthur William Belcher (Mathematics)
Josephine Thorndyke Berry (Domestic Science)
Jacob Lewis Blumenstock (School Administration)
Dorothy Bocker (Physical Education)
Henry Clay Brandon (Industrial Arts)
Augusta Fox Bronner (Genetic Psychology) (February 18)
Ephenor Adrastus Brown (Philosophy of Education)
John Smith Brown, Jr. (History of Education)
Ella Adeline Busch (Secondary Education)
Edna Mawine Coates (Mathematics)
Mary Peabody Colburn (Secondary Education)
ohn Garth Coleman (Secondary Education)
Wilbert Shepard Drew (History of Education)
Max Eisenmann (School Administration) (November 19)
Elizabeth Beatty Elliott (Latin)
Mary Bertha Fletcher (Domestic Science)
\nna Gillingham (Philosophy of Education)
Henry Harold Goldberger (School Administration)
Helen Griffith (Secondary Education)
braham Gross (Physical Science)
essie Elizabeth Guernsey (History)
John McKee Hamilton (School Administration)
Elfrida Harder (German)
Grace Aileen Harrington (Genetic Psychology)

Julia May Hawkes (Mathematics)
Alice Fenton Haynes (Kindergarten Supervision)
William Lyndon Hess (School Administration)
Lulu Hoover Hilliker (Domestic Science)
Prince Charles Hopkins (Genetic Psychology)
Charles Wesley Hunt (Elementary Supervision)
Fannie Johnston (Elementary Supervision)
Ulric Robert Jones (Biology)
Asa Raymond Kent (School Administration)
Alice Estelle Keyes (History)
Thomas Joseph Kirby (Elementary Supervision)
Augustus Ludwig (School Administration)
Martha MacLear (History of Education)
Mary Smith Mack (Elementary Supervision)
Julia Martin (Mathematics)
Arthur Raymond Mead
Edward Norris Milliken (Physical Science)
J. Stanley Nants (School Administration)
Lucy Estabrook Newman (Domestic Science)
[65]
Clare C. Ockerman (School Administration)
Stella Palmer (Domestic Art)
Thakorlal Ranchhodlal Pandya (Secondary Education)
Samuel White Patterson (History of Education)
Frederic Cozzens FitzRandolph (Genetic Psychology) (November 19)
Paul Louis Rapp (History)
Mary Reesor (Supervision of Physical Education)
Hester Ridlon (Domestic Science)
Ruby Blanche Risser (Physical Education)
Meta Rothholz (Mathematics)
Ellen Riley Rushmore (Secondary Education)
Edith Forsythe Sharpless (History)
Henry Lester Smith (Elementary Supervision)
Arthur Elliott Suffern (History)
Joseph Francis Thornton (Elementary Supervision)
Mary Elizabeth Urch (Elementary Supervision)
Mary Elizabeth Weber (Elementary Supervision)
Harry Bruce Wilson (Elementary Supervision)
Elizabeth Rachel Wylie (Elementary Supervision)

Bachelors Diploma in Education

Biology

Florence Middleton
Helen Folsom Tredick

Domestic Art

Laura Julia Armstrong
Margaret Belle Collins
Helen Lee Davis
Anna Susanna Decker
Maude Cornelia Hill
Charlotte Kemna
Esther Beatha Seleen
Gertrude M. Walsh
Margaret Mary Widmer

Domestic Science

Ellen Amelia Beers
Gladys Allison Borden
Jessie Nelson Braley
Norma May Brown
Nina B. Crigler (November 19)
Lilian Elizabeth Dodd
Margaret Dyer
Elizabeth FitzHugh Ficklen
Etta Hart Fink
Ruth Hawthorne French
Maud Ellen Hayes
Katherine Sherman Hazeltine
Edna Kutnewsky
Anna Lee Leggett

Stella Grace Leist
Matilda Jane McKeown
Letitia Lane Magee
Grace Marshall (November 19)
Susannah Ott
Clara Belle Palmer
Evelyn Louise Patterson (February 18)
Harriete Shattuck Rogers
Caroline Noble Shaw (November 19)
Esther L. Snook
Stella May Stephens
Isabel Sutherland
Isabel Fitch Walker
Mabel Ward
Corabel Weimer
Grace Irene Williams

Educational Psychology

Sarah Louise Montgomery

Elementary Supervision

Frank Weston Barber (February 18)
Hubert Ray Cornish
Wilson Sheldon Dakin
LeRoy Albert King
Abby Porter Leland
Samuel Hugh McIlroy
Lazarus Emmanuel Marks
Bruce Eman Millikin
Annie Egerton Moore
Camilo Osias
Jennie Small
Elizabeth Ethel Thompson
Siegried Maia Hansen Upton
Anna May Van Schaick
Flora Wilber
Alice Wildman

Elementary Teaching

Nathalie Henderson
Roupen Stepan Racoubian
William Henry Wilson (November 19)

English

Marion Brockway Dana
Marion Rosel Fleischman
Ruth Belt Hawes
Lillian May Kreiner
Myrtle Elizabeth McCormick
Lazarus Emmanuel Marks
Robina Webb Mickle
Zella Winona Parker
Ida Pruitt
Margaret Adams Sloan
Lula Ella Thomas
Elise Timberlake
Hazel Irene Wayt
Raymond Melbourne Weaber

Fine Arts

Alpha Norma Bigley
Alice Clark Hubbard
Maud Elizabeth Love
Anna Louise McDonald
Grace Ellingwood Rich
Anne Selleck
Margaret Mary Widm

French

Louise Marc Gambier (February 18)
Geralda Gianella (February 18)
Melinda Ida Manchester
Théophile Trottier

German

Edith Hortense Glück
George Goldberg
Leopold Klein
Marion Julia Monteser
Edith St. John Morris
Clara Helene Planer
Dorothy Reilly
Clara Katherine Stutz

History

Ethel Buel Allen
Annie Blair
May Margaret Chapman
Mary Agnes Dingman
Anne Grace Goodsell
Florence Ethel Greene
Hilary Herbert Holmes
Ethel Louisa Howard
Lola McClain
Helen Warner O'Neill
Charlotte Sophia Procknow
Dorothy Reilly
Elizabeth M. Richards (February 18)
Emma Annetta Singer
Sarah P. Watson

Household Administration

Edith Juliet Swan

Kindergarten Supervision

Ruth Ann Babcock
Jeannette Ezekiels
Ida Matilda Isdell
Annie Egerton Moore

Kindergarten Teaching

Meta Josephine McClelland
Ethel Robinson
Myra Anne Sinclair
Juliet Shannon Smith

Latin

Edith Haslam Brown
Florence Frances Enk (November 19)
Henry Schale Lupold
Marguerite McClenaghan

Manual Training

Raymond Michael Batt
Howard B. Berry
Ida Myra Eells
Alice Clark Hubbard
Worthy Johnson
Hugh W. Twaddle (November 19)
May Eugenia Wakeman

Mathematics

Janet Conklin Bates
Martin Bruce Bogarte
Elise Savoye Eddy
Carolyn Louise Francis
Antoinette Dyett Hill
William Joseph O'Brien
Anna Aurelia O'Connell
Francis Salzano
William Weller Strader (February 18)
Roberta Pauline Wilson
Matilda Woolich
William Deitz Young

Nature Study and Geography

Marion Dodge Weston

Physical Education

Harriet Avery
Mary Porter Beegle
Evelyn M. Goldsmith
Thomas Bruce Kirkpatrick
Alice Irene Morrissey
Frederic Albert Woll

Physical Science

Elise Savoye Eddy
Anna Littlefield
Mary Florence Morris
Gertrude Van Auken Tyndall

Primary Supervision

Centennia Celia Bellinger
Francisco Benitez
Laura Emilie Mau
Adelaide Maria Parsons

Primary Teaching

Marian Handy
[158]
Lucy Emma Potts

Special Diplomas in Education

Domestic Art

Sara Shorter Alexander
Rachel Auerbach
Ida Blumenthal
Florence Dodge Frear
Eliza Phillips Hall
Margaret Agnes Kieran
Elizabeth Annis Lathrop
Mary Clara Miller
Susan Shirley Robbins
Helena Mary Simonds
Gertrude Sly
Lucy Amelia Thomas
Ethel Gladys Webb
Edith Mabel Welty
Louie Kooser Willits

Domestic Science

Isabel Cherry Baldwin
Bertha Madelain Becker (February 18)
Lillian Mabel Bennett
Katherine Rosamond Coleman
Sylvia Tirrill Coney
Frances Bergen Cropsey
Margaret Deering Dismukes
Mary Elizabeth Frayser
Margaret Huddleston Frink
Florence Elizabeth Kemmer
Elizabeth Clara Lange
Amy Louise Logan
Louise Ayres Lombard
Margaret Myatt McCarty
Elisabeth Eva Macdougall
Sarah Frances Sale (November 19)
Blanche Sameth
Ethel Sunderland
Lucy Amelia Thomas
Zitzella B. Wertz
Emeline Storm Whitcomb
Mary Catherine Willis

Elementary Supervision

Edward Holcombe Bryan
Zoe Clara Shaw

Fine Arts

Hannah Catherine Byron
Mary Florence Cahill
Jean Corser
Elizabeth Maude Cressey
Gertrude Davidson
Ethel Marie Donelson
Mary Morsell Duvall
Ruth Green Harris
Florence Amelia Heal
Helen Pulver Hills
Mary Ross Kelley
Florence Maria Lane
Julia Willoughby Murray
Helen Caroline Parmenter
Samuel Solomon Raphael
Sara Henderson Seymour
Mary Locher Shafer
Jessie Cunningham Shaw
Susan Alison Simpson
Annie Bailey Skinner
Laura Estelle Stinchfield
Elinor Miriam Strafer

Grammar Grades

Clara Bates Sackett
Sarah H. Wilkinson

Hospital Economy

Mary Cecilia McKenna
Louise Mathilde Powell
Isabel Maitland Stewart

Household Administration

Anna Hartwell Barnum
Juliet Annis Cooke

Kindergarten Supervision

Corinne Brown
Abigail Mathis Lane

Kindergarten Teaching

Susie Rebecca Barns
Emily Priscilla Baxter
Marguerite Simone Bright
Edna Alice Eldridge
Dorothy Slade Hopson
Miriam Shethar Lowrey
Irene Theodora Mitchell
Elizabeth Selden Rodman
Bertha Elizabeth Schwable
J. Olive Simpson
Mildred Jean Surdam
Mary Elizabeth Wolcott

Manual Training

Nellie Warren Birdsong
Elizabeth Fletcher Fonda
Edith Emily Frost
Florence Crater Hight
Elizabeth Annis Lathrop
Isaac Schneider (November 19)
Cornelia Blake Shedd

Music

Frances Reba Gould]
Grace May Halcy]

Physical Education

Marian Wilder Burgin
Helen Rose Butler
Bailey Bancroft Foster
Anne Porter Kolb
Helen Kraus
Dorothy Hastings Treat]
Marjorie Kent Treat

Primary Supervision

Adeline Madgenette Cornish
Anna Jeanette Gannett
Josephine Miller

Primary Teaching

Blanche Eugénie Brunel
[103]
Celia Gertrude Phelps

Pharmaceutical Chemist

Szücs Béla, Ph.G.
Arthur E. Cole, Ph.G.
Harry B. Hansen, Ph.G.
Alvin E. Kuhlmann, Ph.G.
[8]
Walter Regnault, Ph.G.
Leo Roon, Ph.G.
Mosé di Davide Scuccimarra, Ph.G.
Armin A. Von St. George, Ph.G.

Doctor of Pharmacy

José Janer, M.Sc.
Charles Albert McBride, Ph.C.
[4]
John Scavo, Ph.C.
John Alfred Steffens, Ph.C.

Master of Arts

Fiske Allen
A.B. Indiana 1898.
William Henry Altamer
B.E. Lebanon 1894, A.B. Miami 1905, A.M. 1906.
(October 19)
Annie Stuart Anderson
B.S. 1906.
(October 19)
Frank John Appel
B.S. 1908.
Donald Armstrong
A.B. 1909.
Charles Raymond Atkinson
A.B. George Washington Univ. 1909.
John Hudson Ballard
A.B. Southern California 1909.
Walter Loring Barrows
A.B. Princeton 1907.
Edith Ames Basch
A.B. N. Y. Normal Coll. 1905.
Josephine Katrina Bauer
Ph.B. Chicago 1909.
Frederick Paul Beach
B.S. Michigan 1898.
John Reuben Beachler
A.B. Earlham Coll. 1906.
George Denton Beal
Ph.B. Scio. Coll. 1908.
Thomas Andrew Beal
A.B. Utah 1906.
Arthur William Belcher
A.B. Harvard 1904.
Jefferson Garrett Bell
A.B. Alabama Univ. 1908, A.M. 1909.
Charles Albert Benedict
Ph.B. Illinois Wesleyan 1901.
Adolph Burnett Benson
B.S. Wesleyan 1907.
Frederic Otto Berge
B.S. 1909, LL.B. Nebraska 1899.
Louis Berkowitz
A.B. 1907.
(October 19)
Una Mirrielees Bernard
A.B. 1909
Josephine Thorndyke Berry
B.S. 1904, A.B. Kansas 1893.
Barnet Julius Beyer
A.B. Brooklyn Polytechnic Inst. 1908
(February 15)
Sarah Antoinette Bigelow
A.B. Wellesley 1893.
Pelham St. George Bissell, Jr.
A.B. 1909.
Heber Blankenhorn
A.B. Wooster 1904.
Siegfried Block
M.D. Long Island Coll. Hosp. 1905.
Jacob Lewis Blumenstock
A.B. Brooklyn Polytechnic Inst. 1907.
LL.B. St. Lawrence 1908, J.D. 1909.
Dorothy Bocker
B.S. New York Univ. 1908.
Milledge L. Bonham, Jr.
B.L. Furman 1900.
(February 15)
William Clayton Bower
A.B. Tri-State Coll. 1898.
John Clements Boyers
A.B. Oberlin 1907.
Albert Clarence Boyle, Jr.
B.S. Utah State School of Mines 1902, M.E. 1906.
Henry Clay Brandon
A.B. Indiana 1902, A.M. 1905.
Augusta Fox Bronner
B.S. 1906.
Emily Frances Brown
A.B. Wellesley 1890.
Ephenor Adrastus Brown
Ph.B. DePauw 1884, A.M. (hon.) 1887.
John Smith Brown, Jr.
Ph.B. Brown 1900.
George Pardon Bryce
A.B. Toronto 1904.
Anne Elizabeth Burlingame
A.B. Syracuse 1900.
Sister Marie José Byrne
A.B. Coll. of St. Elizabeth 1902.
(October 19)
Jessie Yereance Cann
A.B. Woman's Coll. of Baltimore 1904.

Gertrude Louise Cannon
A.B. 1907.
(October 19)
George Bradley Carter
B.S. Amherst 1906.
Francis Stuart Chapin
B.S. 1909.
Paul Chertoff
A.B. New York Univ. 1908.
Charles Lionel Chute
A.B. Oberlin 1904.
Adele Baker Clark
A.B. Mississippi State Coll. for Women 1896.
Johann Friedrich Erdmann Clewe
B.S. California 1902.
(October 19)
Edna Maurine Coates
A.B. Utah 1909.
Mary Peabody Colburn
A.B. Smith 1904.
John Garth Coleman
Ph.B. Hobart 1901.
Daniel Dale Condit
A.B. Ohio State 1909.
Harry Francis Cook
A.B. Brown 1909.
Joseph Siebert Corbett
A.B. 1909.
Mary Agnes Corsa
A.B. Mount Holyoke 1909.
Alice Bacon Cox
A.B. Cox 1907.
Rena Crawford
A.B. Mississippi State Coll. for Women 1899, Ph.B. Chicago 1903.
Jane Ernisse Crowe
A.B. Rochester 1905, A.M. 1909.
Lucy Sackett Curtiss
A.B. Wellesley 1905.
Catharine Maria Dacey
A.B. St. Angela 1909.
Garabed Krikor Daghlian
A.B. Central Turkey 1902.
Charles Aloysious Daly
A.B. C. C. N. Y. 1908.
John Frederick Dashiell
B.S. Moores Hill 1908, B.L. 1909.
Winfred Cornwall Decker
A.B. 1905.
McQuilkin DeGrange
A.B. Johns Hopkins 1900, LL.B. Catholic Univ. 1903.
(October 19)
Frederick Ferriss Dodd
A.B. Yale 1905.
Elizabeth Donaldson
A.B. Minnesota 1900.
Wilbert Shepard Drew
B.S. Michigan 1897.
Max Drob
A.B. 1908.
Charles William Drury
B.S. Queen's Univ. 1909.
Max J. Eisenmann
A.B. C. C. N. Y. 1902.
(October 19)
Samuel Ely Eliot
A.B. Washington 1905, A.B. Oxford 1908.
Elizabeth Beatty Elliott
Ph.B. Colorado Coll. 1901.
Charlotte Clementine Faust
A.B. Cornell 1905.
(October 19)
Benjamin George Feinberg
B.S. C. C. N. Y. 1906.
(February 15)
Agnes Beveridge Ferguson
B.S. Cornell Coll. 1894, M.S. 1895.
(October 19)
Marie Louise Fischer
A.B. N. Y. Normal Coll. 1908.
Harry Linn Fisher
A.B. Williams 1909.
Horace West Flashman
B.E. Univ. of Sidney 1907.
Mary Bertha Fletcher
B.S. 1907, Ph.B. Franklin Coll. 1903.
Edgar Martin Flint
B.S. Rochester 1909.
Margaret Anna Frame
Ph.B. Wooster 1905.
Murray Scott Frame
A.B. Wooster 1901, B.D. Union Theo. Sem. 1907.
Leslie Elmer Fuller
B.S. Pomona 1907.
Arthur Loren Gates
A.B. Northwestern 1903.
George Augustus Geiger
A.B. Harvard 1908.
Anna Gillingham
A.B. Swarthmore 1900, A.B. Radcliffe 1901.
Eleanor Gertrude Gogin
A.B. Vassar 1908.
Henry Harold Goldberger
B.S. C. C. N. Y. 1898, LL.B. New York Univ. 1900.
Ethel Lizzie Goodwin
A.B. 1909.

LILLA ABIGAIL GREENE
A.B. Pennsylvania Coll. for Women 1908.
HELEN GRIFFITH
A.B. Bryn Mawr 1905.
ISAAC GRINFELD
ELIZABETH LOUISE GROCE
A.B. Trinity (Texas) 1909.
ABRAHAM GROSS
Ph.B. Western Univ. of Penna. 1898, Ph.M. 1900.
JESSIE ELIZABETH GUERNSEY
B.S. 1909.
ROSS ALBERT HADLEY
B.S. Penn Coll. (Iowa) 1905.
WILLARD L. HADSELL
A.B. Nebraska Wesleyan 1907.
JOHN MCKEE HAMILTON
A.B. National Normal Univ. 1893.
ELFRIDA HARDER
A.B. 1909.
GRACE AILEEN HARRINGTON
B.S. 1906.
MARY EMMA HARWOOD
A.B. Smith 1893.
(October 19)
JULIA MAY HAWKES
B.L. Carleton Coll. 1901.
ALICE FENTON HAYNES
B.S. 1906.
ALBERT ADOLPH HEIMROD
B.S. Nebraska 1906.
WILLIAM EDWIN HENDRIE
A.B. Toronto 1903.
CHARLES HERSHENSTEIN
A.B. 1909.
HAROLD HENRY HERTS
A.B. 1909.
MORTIMER HENRY HESS
A.B. 1908.
WILLIAM LYNDON HESS
B.L. Swarthmore 1901.
ROBERT HENRY HILLER
A.B. Wittenberg Coll. 1889, A.M. 1892, B.D. Hartwick Theo. Sem. 1894.
LULU HOOVER HILLIKER
A.B. Kansas 1896.
PETER HING
B.C.L. McGill 1909.
THOMAS MICHAEL HOLLAND
A.B. St. John's Coll. 1909.
PRINCE CHARLES HOPKINS
Ph.B. Yale 1906.
WILBUR MORTON HOWENSTEIN
A.B. Oberlin 1909.
GORDON DOUGLAS HOXSEY
A.B. Hobart 1904.
BESSIE NEAL HUDDLESTON
B.S. Millsaps Coll. 1908.
CHARLES WESLEY HUNT
A.B. Brown 1904.
SOLOMON THEODORE HALÉVY HURWITZ
A.B. N. Y. Univ. 1909.
ERNEST JAMES JAQUA
Ph.B. Iowa Coll. 1907.
FANNIE JOHNSTON
Ph.B. Minnesota 1901.
EDWARD LEROY JONES, JR.
B.S. Utah 1909.
RICHARD FOSTER JONES
A.B. Texas 1907.
ULRIC ROBERT JONES
Ph.B. Dickinson 1904, A.M. 1909.
EDITH JOSEPHI
A.B. 1909.
KAZUNOBU KANOKOGI
TAIJIRO KATO
Equiv. A.B. Weseda 1907.
(February 15)
ELEANOR KELLER
A.B. 1900.
(February 15)
ASA RAYMOND KENT
A.B. Cornell 1903.
ALICE ESTELLE KEYES
Ph.B. Syracuse 1907.
MARGARET APPLETON KINGSLEY
A.B. Smith 1908.
HARRY DILL KINNEY
E.M. Lafayette 1908.
MURIEL KINNEY
A.B. Western Reserve 1900.
(February 15)
THOMAS JOSEPH KIRBY
A.B. Indiana 1906.
SUYEMASA KOZU
Equiv. A.B. Waseda 1907.
WILLIAM C. KRATHWOHL
A.B. Harvard 1907.
IRA REIST KRAYBILL
A.B. Franklin and Marshall 1909.
EVERETT BODINE LATHAM
E.M. 1909, LL.B. Detroit Coll. of Law 1896.
ROBERT FREDERICK LAU
A.B. 1908.
HOWARD CHILSON LEONARD
Ph.B. Illinois Wesleyan 1901, A.M. 1903.
ISRAEL HERBERT LEVINTHAL
A.B. 1909.

Grover Cleveland Loening
B.S. 1908.
Emilie Olivia Long
B.S. N. Y. Normal Coll. 1902.
Michael Heilprin Loveman
A.B. 1909.
Ruth Lowrey
A.B. Smith 1909.
Augustus Ludwig
B.S. 1907.
Ethel M. Luther
A.B. Kansas 1901.
Lee E. McCanliss
A.B. Wabash 1907.
Robert Franklin McCrackan
B.S. So. Carolina Military Acad. 1903.
Florence McDowell
A.B. Ohio Wesleyan 1900, A.M. 1901.
Maude Agnes McElroy
A.B. Western Coll. 1906.
Dorothy McLaurin
A.B. Smith 1909.
Martha MacLear
B.S. 1909.
Clarissa Harben Macavoy
A.B. 1905.
Mary Smith Mack
B.S. 1902.
Elisa Gertrude Madison
A.B. Albion Coll. 1904.
Hector Tripp Madison
A.B. Michigan 1906.
Arnold Hamilton Maloney
A.B. Naparima Coll. (Trinidad) 1907.
Charles Lionel Marcus
B.S. 1909.
Samuel Margoshe
Equiv. A.B. Gymnasium of Tamow Galicia, 1905.
Beatrice Madeleine Markley
A.B. Wellesley 1908.
Eileen Hughes Markley
A.B. Smith 1907.
Julia Martin
B.S. 1909.
Arthur Raymond Mead
A.B. Miami 1909.
Anna Irene Miller
A.B. Mount Holyoke 1909.
Edward Norris Milliken
B.S. 1907.
Walter Alfred Mitchell
A.B. Trinity 1901.
Evangeline Ada Moon
A.B. N. Y. Normal Coll. 1906.
Frederick Kühne Morris
B.S. C. C. N. Y. 1904.
May Josephine Morris
A.B. N. Y. Normal Coll. 1902.
Augustine Robert Mountsier
A.B. Michigan 1909.
Mabel Mountsier
A.B. Michigan 1906.
Daniel Gilbert Munson
A.B. Colby 1892, A.M. 1895.
Deacon Murphy
A.B. 1908.
Florence Murphy
A.B Dublin Univ. 1906.
Jennie Erskine Murray
B.S. 1907.
J. Stanley Nants
A.B. Indiana 1909.
Lucy Estabrook Newman
A.B. Lincoln Coll. 1908.
Myrtle Ione Nicholson
Ph.B. Alma Coll. 1903.
Leonard Drake Norsworthy
C.E. 1909.
Eric McCoy North
A.B. Wesleyan 1909.
Clare C. Ockerman
A.B. Washington State Coll. 1907.
Maud Oldham
B.S. 1909.
William Burgess Osterhout
A.B. 1908.
Rejun Ota
Harry Victor Emmanuel Palmblad
A.B. 1907.
Stella Palmer
B.S. Alabama 1908.
Thakorlal Ranchhodlal Pandya
B.S. Bombay Univ. 1905.
Elizabeth Grace Parker
A.B. Illinois Wesleyan 1902.
Sarah Rush Parks
B.S. Northwestern 1907.
Robert Wight Paterson
A.B. Oberlin 1904.
Samuel White Patterson
A.B. C. C. N. Y. 1903, A.M. N. Y. Univ. 1906.
Christine Peirce
A.B. Vassar 1907.
Frances Perkins
A.B. Mt. Holyoke 1902.
William Harold Peterson
B.S. Wesleyan 1907.
(October 19)

Ruth Shepard Phelps
B.L. Smith 1899.

Thekla Pick
Equiv. A.B. Lehrerinnenexamen.

Albert Theodore Poffenberger, Jr
A.B. Bucknell 1909.

Juliet Stuart Points
A.B. 1907.

Annie Louise Pomeroy
B.L. Mount Holyoke 1896.

Zenas L. Potter
A.B. Minnesota 1909.

Loulie Knox Powers
A.B. Alabama 1901.

Frederic Cozzens FitzRandolph
A.B. 1907.
(October 19)

Paul Louis Rapp
A.B. 1909.

Mary Reesor
B.S. 1909.

Clara Lawton Rhodes
A.B. Shorter Coll. 1892.

Ruth Wood Richardson
A.B. Hollins Inst. 1904.

Bertha Louise Ricketts
B.S. Millsaps Coll. 1909.

Hester Ridlon
B.S. 1908, B.S. Chicago 1903.

Ruby Blanche Risser
A.B. Illinois 1906.

Josephine Aspinwall Roche
A.B. Vassar 1908.

Emilie Krampfert Roeder
Ph.B. Oberlin 1899.
(February 15)

Walter Joseph Rose
A.B. 1908.

Blanche Rosenthal
A.B. N. Y. Normal College 1909.

Meta Rothholz
A.B. Woman's Coll. of Baltimore 1907.

Dora Madeline Rounds
A.B. Wellesley 1896.

Edward Curtis Rouse
A.B. 1908.

Albert Billings Ruddock
A.B. Yale 1907.

Ellen Riley Rushmore
A.B. 1903.

Christine Elise Sarauw
B.S. 1909.

William Daniel Saunders

Joseph Archibald Saxe
A.B. Pennsylvania State Coll. 1908.

Richard Scheib
A.B. 1909.

Margaret Whitsett Scott
A.B. Mississippi State Coll. for Women 1902.

Mary Scrugham
A.B. Kentucky State Univ. 1906.

Joy Secor
Ph.B. Parker 1899, A.B. Carleton 1902

Myer Segal
A.B. Bates 1907.

Edith Forsythe Sharpless
A.B. Bryn Mawr 1905.

Olga deGraffenreid Sheppard
A.B. Randolph-Macon Woman's Coll. 1909.

Newell LeRoy Sims
A.B. Tri-State Coll. of Indiana 1901.

Henry John Skipp
A.B. Denison Univ. 1904.

Beulah Blanch Smith
Ph.B. Western Reserve 1904.

Henry Lester Smith
A.B. Indiana 1898, A.M. 1899.
(February 15)

Olive Anne Smith
A.B. Wellesley 1907.

Samuel Ernest Smith
A.B. Pennsylvania Coll. 1907.

Charles Wilbert Snow
A.B. Bowdoin 1907.

Leonie Eugenie Staelin
B.S. 1909.

Caroline Louise Stamm
B.S. 1909.

Joseph Steiner
A.B. 1908.

Arthur Elliott Suffern
B.S. 1909.

Frank Robert Swartwout
A.B. 1908.

Sarah Taylor
A.B. Wooster 1904.

Peter Louis Téa
B.S. C. C. N. Y. 1908.

Martha Thompson
A.B. 1905.
(October 19)

Joseph Francis Thornton
A.B. Indiana 1888, LL.B. Chicago School of Law 1902.

Andrew Yu-Yue Tsu
A.B. St. John's Univ. Shanghai 1907

Mabel Bascom Turner
A.B. Mount Holyoke 1908.

Burnet Corwin Tuthill
A.B. 1909.
(February 15)

Mary Elizabeth Urch
B.L. Albion Coll. 1893.

Léonie Vimont
A.B. Adelphi 1909.

Ruth Fanshaw Waldo
A.B. Adelphi 1909.

Guy Oliver Walser
A.B. Harvard 1908.

Mary Elizabeth Weber
A.B. Cincinnati 1907.

Minnie Weyl
A.B. Franklin Coll. 1899.

George Fay Wilder
A.B. St. Lawrence Univ. 1897.

Katherine Glenn Willis
A.B. Des Moines Coll. 1895.
(October 19)

Cora Belle Wilson
A.B. Nashville 1902.
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Harry Bruce Wilson
A.B. Indiana 1905.

Curt Paul Wimmer
Ph.G. 1902, Phar.D. 1904; Equiv. A.B. Kassel, Germany 1898.
(October 19)

Marie Léonie Wolfs
A.B. Smith 1908.

Hilda Wood
A.B. 1909.

Margaret Choate Wright
A.B. Vassar 1908.

Elizabeth Rachel Wylie
B.S. 1909.

Taiji Yanagisawa
Equiv. A.B. Waseda 1901.

Levi Edgar Young
B.S. Utah 1895.

Victor Ziegler
A.B. Iowa State 1908.

Frederick William Zons
A.B. 1907.
(February 15)

Also the following, whose names did not appear on the Commencement programme of 1909:

Mary Ida Alley
B.S. Swarthmore 1902.

Franklin Westinghouse Bates
A.B. Williams 1907.

Philip Dougherty
B.S. Trinity 1907.

Emil Glück
A.B. C. C. N. Y. 1896.

Leon John K. Levonian
B.S. 1908.

William Joseph McGrath
A.B. C. C. N. Y. 1905.

Anna Theresa McLoughlin
A.B. St. Angela 1908.

Charles Mayer
A.B. 1907.

Anna Cole Mellick
A.B. 1896

William Augustine Miller
B.S. 1908.
[20]

David Anissim Modell
B.S. 1908.

William Fielding Ogburn
B.S. Mercer 1905.

Agnes LeMaitre Reppert
A.B. Iowa 1902.

Berenice Silberberg
B.S. Purdue 1905, M.S. 1907.

Josephine Stone
A.B. Woman's Coll. Balt. 1907.

Harry Penn Vaughn
A.B. Southern 1904.

Edna Renard Voss
B.S. 1908.

Frederick King Vreeland
M.E. Stevens 1895.

Gladys Willard
A.B. Cornell 1898.

Eric Johann Williams
A.B. Harvard 1906.

Doctor of Philosophy

Carl Gustave Amend
B.S. 1908, A.M. 1909.
Dissertation: On 4- and 5- acetamino acetantloranils and quinazolines derived therefrom.

Florence Theodora Baldwin
A.B. 1900, A.M. 1902.
Dissertation: The Bellum Civile of Petronius.

HARRY ERWIN BARD
A.M. 1907, A.B. Wabash Coll. 1894, A.M. 1898.
Dissertation: The city school district: Statutory provisions for organization and fiscal affairs.
(October 19)

FRANZ BELLINGER
A.M. 1908, Equiv. A.B. Realgymnasium, Remagen, Germany 1886.
Dissertation: Jesus Hominum Salvator: A cantata for soli (tenor or soprano, alto, baritone), mixed chorus and orchestra.

CLARK WELLS CHAMBERLAIN
A.B. Denison 1894.
Dissertation: The radius of molecular attraction.

ERNEST DUNBAR CLARK
A.M. 1909, A.B. Harvard 1908.
Dissertation: Plant oxidases.

FRANCIS WILLIAM COKER
A.B. North Carolina 1899, A.B. Harvard 1902.
Dissertation: Organismic theories of the State.

FAUST CHARLES DEWALSH
A.B. Rochester 1903.
Dissertation: Grillparzer as a poet of nature.

LUCILE EAVES
A.B. Leland Stanford 1894.
Dissertation: History of the San Francisco labor movement.

LEO JOACHIM FRACHTENBERG
A.M. 1906, *Testimonium Maturitatis*, Gymnasium Przemysl, Austria 1904.
Dissertation: Grammar of the Coos language of Oregon.

ALEXANDER A. GOLDENWEISER
A.B. 1902, A.M. 1904.
Dissertation: Totemism.

ABRAHAM JULIUS GOLDFARB
B.S. C. C. N. Y. 1900.
Dissertation: Influence of the nervous system in regeneration.
(February 15)

WILLYSTINE GOODSELL
B.S. 1905, A.M. 1906.
Dissertation: The conflict of naturalism and humanism.

WILLIAM KING GREGORY
A.B. 1900, A.M. 1905.
Dissertation: The orders of mammals.

JOHN DEARLING HANEY
B.S. C. C. N. Y. 1893, A.M. New York Univ. 1897, LL.B. 1898.
Dissertation: The registration of city school children.

CHARLES JOSEPH HILKEY
A.B. Emporia 1905; A.M. Kansas 1907.
Dissertation: Legal development in Colonial Massachusetts 1630–1686.

ROBERT TUDOR HILL
A.B. Nebraska 1903.
Dissertation: The public domain and democracy.

PHILIP PETER JACOBS
A.B. Syracuse 1903, B.D. Drew Theo. Sem. 1908.
Dissertation: German sociology.
(February 15)

ISAAC LEON KANDEL
A.B. Victoria Univ., Manchester, England, A.M. 1906.
Dissertation: The training of elementary school teachers in Germany.

LUCAS CARLISLE KELLS
LL.B. 1909, A.B. Minnesota 1904, A.M. 1905.
Dissertation: Typical methods of thinking in science and philosophy.

EDWARD CALVIN KENDALL
B.S. 1908, A.M. 1909.
Dissertation: A quantitative study of the action of pancreatic amylase.

EDWIN GIFFORD LAMB
A.B. Leland Stanford 1904.
Dissertation: The social work of the Salvation Army.

JAMES P. LICHTENBERGER
A.B. Eureka College 1893, A.M. Hiram Coll. 1902.
Dissertation: Divorce: a study in social causation.
(October 19)

CHARLES RAMSDELL LINGLEY
A.M. 1905, B.S. Worcester Polytechnic Inst. 1900.
Dissertation: Transition in Virginia from colony to commonwealth.

GERHARD RICHARD LOMER
A.B. McGill 1903, A.M. 1904.
Dissertation: The concept of method.

DUDLEY HOWE MILES
A.B. South Western 1902, A.M. Chicago 1907.
Dissertation: The influence of Molière on restoration comedy.

CHARLOTTE ELIZABETH MORGAN
A.B. 1904, A.M. 1905; A.M. Radcliffe 1906.
Dissertation: The beginnings of the novel of manners; a study of English between 1600 and 1740.

MAX WITHROW MORSE
B.S. Ohio State 1903, A.M. 1904.
Dissertation: The nuclear components of the sex cells of four species of cock-roaches.
(February 15)

WILLIAM SMITH MURRAY
B.S. Syracuse 1888, M.S. 1892.
Dissertation: The making of the Balkan States.

ANNE M. NICHOLSON
A.B. Leland Stanford 1904.
Dissertation: The concept standard.
(February 15)

HOWARD WASHINGTON ODUM
A.B. Emory Coll. 1904, A.M. Mississippi 1906, Ph.D. Clark 1909.
Dissertation: Social and mental traits of the negro.

MAX RADIN
A.B. C. C. N. Y. 1899, LL.B. New York Univ. 1902.
Dissertation: The legislation of the Greeks and Romans on corporations.
(February 15)

CHARLES WILLIAM RAMSDELL
A.B. Texas 1903, A.M. 1904.
Dissertation: Reconstruction in Texas.
(February 15)

FRANK HUMPHREY RISTINE
A.M. 1907, A.B. Wabash Coll. 1905, A.M. 1906.
Dissertation: English tragicomedy.
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HENRY ALFORD RUGER
A.B. Beloit 1895, A.M. Chicago 1905.
Dissertation: The place of analysis in the curve of efficiency.

CAROLINE RUUTZ-REES
A.M. 1907, L.L.A. St. Andrew's 1904.
Dissertation: Charles de Sainte-Marthe (1512–1555): A study in the early French Renaissance.
(February 15)

PETER SANDIFORD
A.M. 1909, B.S. Victoria Univ. Manchester, England, 1904, M.S. 1907.
Dissertation: The training of teachers in England and Wales.

IZORA SCOTT
A.B. 1904, A.M. 1905.
Dissertation: Controversies over the imitation of Cicero as a model for style and some phases of their influence on the schools of the Renaissance.

DONALD CLIVE STUART
A.B. Michigan 1903, A.M. 1904.
Dissertation: Stage decoration in France in the Middle Ages.

JOHN PICKETT TURNER
A.B. Vanderbilt 1900, A.M. 1901.
Dissertation: Idealistic beginnings in England.
(February 15)

ERNEST STAGG WHITIN
A.B. 1905.
Dissertation: Factory legislation in Maine.

GRACE SARA WILLIAMS
A.B. Knox 1897.
Dissertation: Amadis question.

ELVIRA WOOD
A.M. 1908.
Dissertation: The phylogeny of certain cerithidae.

ERNEST HUNTER WRIGHT
A.B. 1905, A.M. 1907.
Dissertation: The authorship of Timon of Athens.

HONORARY DEGREES

Master of Science

CHARLES BUXTON GOING
of the Class of 1882

Master of Arts

THE REVEREND ROELIF HASBROUCK BROOKS
of the Class of 1900
Rector of St. Paul's Church, Albany, N. Y.

WILLIAM ALLEN WHITE
of Emporia, Kansas

Doctor of Science

WILLIAM JAMES MAYO
of Rochester, Minnesota

SIR WILLIAM HENRY WHITE, K.C.B.
formerly Director of Construction of the British Navy, and associated in designing the "Mauretania" and "Lusitania"

Doctor of Letters

WILLIAM CRARY BROWNELL
of New York

MRS. SCHUYLER VAN RENSSELAER
of New York

Doctor of Sacred Theology

THE REVEREND WILLIAM NEWTON CLARKE
Professor of Theology in Colgate University

Doctor of Laws

WILLIAM HENRY STEELE DEMAREST
President of Rutgers College

JOHN HOWARD VAN AMRINGE
Dean of Columbia College

(and the following conferred January 3, 1910)

CARL RUNGE, Sc.D.
Professor of Applied Mathematics in the University of Göttingen, Kaiser Wilhelm Professor in Columbia University 1909–10

OTTO JESPERSEN, Litt.D.
Professor of English Philology in the University of Copenhagen, Visiting Danish Professor in Columbia University 1909–10
(conferred April 4, 1910)

ÉMILE BOUTROUX, Litt.D.
Director of the Foundation Theris
Professor of the History of Philosophy at The Sorbonne
President of the Académie des Sciences Morales et Politiques

Commencement Calendar, 1910

May 27—Teachers College Dance.
May 29—Baccalaureate Service, Rev. Rush Rhees, Ph.D., LL.D., President of the University of Rochester, Preacher.
May 30—Barnard College Class Day.
May 30—Columbia College Class Day.
May 30–June 4—Architectural Exhibition.
May 31—Phi Beta Kappa Meeting and Address.
June 1—Commencement, Conferring of Degrees and Award of Honors; Presentation of '85 College and Science Sun Dial on South Field; Alumni Luncheons; Anniversary Dinners; Decennial Celebration.

FELLOWSHIPS, SCHOLARSHIPS, AND OTHER PROVISION FOR THE ASSISTANCE AND REWARD OF STUDENTS

NOTE. Unless otherwise provided, all stipends of Fellows and Scholars shall be paid in equal semi-annual instalments on the second Wednesday of each half-year. Before being entitled to receive either instalment of his stipend, each Fellow and Scholar is required to report himself in writing to the Registrar as in residence, on or before the opening day of each half-year. Failure so to report may operate to vacate the Fellowship or Scholarship.

Fellows and Scholars are required to pay all fees for matriculation, tuition, graduation, and for the use of the Gymnasium. The provisions regarding the maximum fee for the higher degrees do not apply to them.

General Regulations

The following regulations apply, unless the contrary is specifically stated, to the award of all fellowships and scholarships:

In each case application in writing, on a blank prepared for the purpose, must be filed with the Secretary of the University; for fellowships it should be filed on or before March 1; for scholarships, on or before May 1. Beginning in 1912, applications for University Scholarships must be filed on or before March 1. Applications and documents received in support thereof later than these dates, or not distinctly indicating the name of the candidate and the fellowship or scholarship for which he applies, may fail of consideration. As an evidence of graduation, a printed certificate is preferable to the formal diploma itself, as there is risk that the latter may be lost or injured in transit.

The appointment is in each case for one year dating from July 1. Candidates will be notified as promptly as possible as to the success of their applications. Documents and letters submitted by the candidates are returned, but not letters written direct to the University. If the applicant wishes the documents which he has submitted returned to him by mail he should enclose postage for the purpose, otherwise they will be held until called for. Documents will not be preserved for more than one year from the date of application.

All Fellows and Scholars, as hereinafter provided, shall reside in New York City or its vicinity during the academic year, unless permission be granted by the Council to study elsewhere. No Fellow or Scholar may pursue a professional or technical course of study during his term.

The conditions under which the appointment may be granted are indicated in the following paragraphs:

UNIVERSITY FELLOWSHIPS

Twelve fellowships, of the value of $650 each, known as "Univer-

sity Fellowships," are awarded annually by the University Council at its stated meeting in April, to those graduates of colleges and scientific schools, not over thirty years of age, who show themselves especially fitted to pursue courses of higher study and original investigation. The candidate must give evidence:

(*a*) of a liberal education, such as a diploma from a college or scientific school of good repute;

(*b*) of decided fitness for a special line of study, such as an example of some scientific or literary work already performed;

(*c*) of upright character, such as a testimonial from some instructor.

A Fellow may be reappointed for reasons of weight, but not for more than two terms of one year each.

As these fellowships are awarded as honors, those who are disposed, for the benefit of others, to waive the pecuniary emolument, may do so, and still have their names retained on the list of Fellows. In such cases additional University Fellows may be appointed.

Vacancies will be filled in the same manner in which original appointments are made.

Each Fellow is expected to perform such duties as are allotted to him in connection with a course of study leading to the degree of Doctor of Philosophy. He is expected to devote his time to the prosecution of special studies under the direction of the head of the department in which his major subject lies, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other method.

No Fellow shall be allowed to accept remunerative employment or to give instruction or assistance in any department of the University except by permission of the President, and the acceptance of any such employment, without such permission, shall operate to vacate the fellowship.

University Fellows 1910–11

ADOLPH BURNETT BENSON.....*Germanic Languages*
F. STUART CHAPIN.....*Sociology*
VICTOR LOVITT OAKES CHITTICK.....*English*
GORDON HARWOOD GRAVES.....*Mathematics*
EDMUND NEWTON HARVEY.....*Zoölogy*
HERMAN GERLACH JAMES.....*Administrative Law*
FRANK DUNN KERN.....*Botany*
THOMAS POLLOCK OAKLEY.....*European History*
WILLIAM FIELDING OGBURN.....*Sociology*
MARK SKIDMORE.....*Romance Languages*
EDWARD KELLOGG STRONG, JR.....*Psychology*
FREDERICK WILLIAM ZONS.....*Chemistry*

Honorary Fellows 1910–11

WILLIAM MORRIS LEISERSON.....*Political Economy*
THOMAS REED POWELL.....*Administrative Law*
PRABHAKER S. SHILOTRI.....*Political Economy*

SPECIAL FELLOWSHIPS

Unless otherwise specified, the regulations as to the mode of application for the following fellowships, and the conditions governing their award and tenure, are the same as those for University fellowships (see *ante*). Candidates should indicate clearly upon their application-blanks the fellowship for which they are applicants.

1910–11 WALTHER FISCHER.....*Romance Philology*
WILLIAM MACKAY SMITH.....*Mathematics*
MARSTON LOVELL HAMLIN.....*Biological Chemistry*

Tyndall and Barnard Fellowships

The Tyndall Fellowship for the Encouragement of Research in Physics, endowed by Professor John Tyndall, annual value $648, and the Barnard Fellowship for Encouraging Scientific Research, endowed by the bequest of the late President Barnard, annual value $400, are awarded annually under the following conditions: The Tyndall Fellowship is available for one or more American pupils who may have shown decided talent in physics, preferably such as shall express the determination to devote their lives to the advancement of theoretic science and original investigations in that department of learning, and is awarded either to a graduate of the University or to a student in it (not necessarily a candidate for a degree) upon the recommendation of the head of the Department of Physics. The Barnard Fellowship is awarded upon the joint recommendation of the Faculties of Columbia College, Applied Science, and Pure Science to a graduate of any one of them who, having shown decided aptness for physical investigation, is disposed to devote himself thereto for some years continuously. The recommendation must in each case be made to the President on or before April 1. The appointment is for the term of one year, but the incumbent shall be eligible to reappointment.

It is the duty of a Tyndall or Barnard Fellow to devote himself faithfully to the investigation of some subject in physical science at this, or some other University, under the supervision of some known physicist approved by the President and the head of the Department of Physics. He shall make a quarterly report, certified to by the physicist superintending and directing him, to the President, giving an account of the work in which he has been engaged during the academic or calendar quarter preceding.

Tyndall Fellows

1891–92 William H. Freedman
1892–93 Charles R. Mann
1894–95 Charles R. Mann
1895–97 Walter Wheeler Cook
1897–98 No incumbent
1898–1901 Robert Bowie Owens
1901–03 Bergen Davis
1903–04 Frank Leo Tufts
1904–07 Frederic Columbus Blake
1907–08 George B. Pegram
1908–09 Harold Worthington Webb
1909–11 Henry Howard Marvin

Barnard Fellows

1894–96 William Lispenard Robb
1896–97 No incumbent
1897–1900 Heinrich Ries
1900–03 John Alexander Mathews
1903–05 William Campbell
1905–07 Clarence Whitney Kanolt
1907–08 Harold Worthington Webb
1908–11 Clement S. Brainin

Adams Research Fellowship

The Ernest Kempton Adams Research Fellowship, founded by Mr. Edward Dean Adams, in memory of his son, Ernest Kempton Adams, E. E. '97, A.M. '98, is of an annual value of $1250. The appointment may be made from among the teaching staff, alumni, or students of Columbia University. The incumbent of the fellowship shall prosecute researches either in Columbia University or elsewhere, in the physical sciences, in psychology, or in their practical applications. The results of the investigations of the incumbent of the fellowship are published and distributed by the University under the title of "Researches of the Ernest Kempton Adams Research Fellows of Columbia University."

Ernest Kempton Adams Research Fellows

1905–07 Ernest Fox Nichols
1907–09 Bergen Davis
1909–11 Clark Wells Chamberlain

Class of '70 Fellowship

There is a fellowship known as the "Class of '70 Fellowship," of the annual value of $500, which, after the expiration of the term of the present incumbent, shall be filled by the University Council, subject to such regulations as may be prescribed.

Class of '70 Fellow

1896—Lewis Buffet Carll

George William Curtis Fellowship

The George William Curtis Fellowship is awarded for a term of two years upon the recommendation of the Faculty of Political Science in every third year, the next award being July 1, 1911. The Curtis Fellow shall be entitled to receive during his incumbency the net income of the endowment of $10,000 (in 1908–09, $600 annually), accruing during a period of three years, and proportionately for any part of the term.

Candidates shall submit an essay or address on the "Immediate Duty of the American Citizen," in addition to complying with the requirements of candidates for University Fellowships.

The Fellow shall devote himself to the study of the science of government, with a special view to its application to the then existing condition of the United States or to the State or City of New York; and at or before the conclusion of his second year he shall publish (*a*) a monograph satisfactory to the Faculty of Political Science on some subject relating thereto, and (*b*) a brief sketch of George William Curtis as a citizen and orator, showing that he has familiarized himself with the life and character of the man whose memory is to be perpetuated by the fellowship which he has enjoyed.

George William Curtis Fellows

1901–02 James Wilford Garner
1902–04 Charles Austin Beard
1904–06 Charles Grove Haines
1906–07 No incumbent
1907–08 Edward McChesney Sait
1908–09 Blaine Free Moore
1910–11 Sydney D. Moore Hudson

Drisler Fellowship

The Henry Drisler Fellowship in Classical Philology, established in 1894 in commemoration of the semi-centennial in the service of the University of Professor Henry Drisler, A.B. 1839, is of the annual value of $650, and is open to Bachelors of Arts of this University, or some other institution of equivalent standing, who have studied Greek and Latin throughout their undergraduate course, and who have an adequate knowledge of French and German. They must present testimonials from their instructors in Greek and Latin as to the quality of their work, and give evidence of fitness for advanced study and research, either by a special examination, or by an essay embodying the results of research in some department of classical study.

The appointment is made by the University Council on the joint recommendation of the professors of Greek and Latin. Recommendations should reach the President on or before April 1, and reappointments may be made for not more than two terms of one year each.

The Fellow must study at this University under the direction of the

professors of Greek and Latin, unless permitted by the Council to spend a year in some foreign university, or in the American School of Classical Studies at Athens, or in the American School of Classical Studies at Rome.

Drisler Fellows

1894–96 John Kasson Lathrop
1896–97 George N. Olcott
1897–98 William T. F. Tamblyn
1898–99 Corliss Fitz Randolph
1899–1900 Edward Charles Harwood
1900–01 Bert Hodge Hill
1901–02 No incumbent
1902–03 Harwood Hoadley
1903–04 Walter Whipple Arnold
1904–05 No incumbent
1905–06 Macon Anderson Leiper
1906–08 Charles Jones Ogden
1908–10 Hubert McNeill Poteat
1910–11 Irving Comes Demarest

Garth Fellowship

The Granville W. Garth Fellowship in Political Economy is awarded each year. The successful applicant for the fellowship shall be entitled to receive the net annual income of the capital sum of the Granville W. Garth Memorial Fund of $16,250. See page 480.

Garth Fellows

1905–06 Meyer Jacobstein
1906–07 James Henry Gilbert
1907–08 Louis Dwight Harwell Weld
1908–09 Solomon Vineberg
1909–10 Edward Henry Lewinski
1910–11 Benjamin McAlester Anderson
Frank Hatch Streightoff

Gottsberger Fellowship

The Gottsberger Fellowship, awarded every second year, is open only to candidates who, having first taken a degree in Columbia College, have been for not less than two years resident graduate students of Columbia University, taking also the degree of Master of Arts. The holder may with the consent of the professor in charge of his major subject of study, and with the approval of the President, pursue his studies abroad. The Fellow so appointed receives the net income for two years of the capital sum of $9500 constituting the Cornelius Heeney Gottsberger Scholarship Fund.

Gottsberger Fellows

1905–06 George Christian Otto Haas
1907–08 Meyer Jacobstein
1909–10 Ralph Watson Dox
1910–11 William Stuart Messer

Mosenthal Fellowship

The Mosenthal Fellowship, established in memory of the late Joseph Mosenthal, is designed to aid talented students of musical composition, either men or women, in the study of their art. The stipend is the net income for two years of the capital sum of $7500. It is awarded every second year by the Council upon the recommendation of the Professor of Music, and is tenable for one year.

Applicants are required to show a thorough knowledge of harmony and of counterpoint and some ability to compose, by submitting a number of original compositions in support of their applications.

The holder must devote himself to the study of musical composition at Columbia University, or, with the approval of the President and the Professor of Music, abroad. In the former case, he shall be required, in addition to his studies in Music, to pursue such other studies in at least two departments of the University as the Professor of Music may direct. In either case, the Fellow shall submit, at such times as the Professor of Music may designate, the results of his work in musical composition.

Mosenthal Fellows

1899–1901 Mary Angela Diller
1902–04 Frank Edwin Ward
1904–05 Benjamin Lambord
1906–07 William Jacob Kraft
1908–09 Franz Bellinger
1910–11 Edward Betts Manning

Proudfit Fellowship in Letters

The Alexander Moncrief Proudfit Fellowship in Letters for the encouragement of the study of English Literature, founded by the bequest of Alexander Moncrief Proudfit, is open to any son of native-born American parents who shall have taken the degree of Bachelor of Arts after three years' residence in Columbia College, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made by the Council upon the joint recommendation of the professors in the Department of English. The Fellow shall be entitled to receive during his incumbency the net income of the sum of $13,875 (in 1908–09, $615). He shall carry on his studies and research at Columbia University, or elsewhere, under the direction of the professors in the department named.

Proudfit Fellows in Letters

1900–03 John Erskine
1903–05 Stanley Kidder Wilson
1905–06 No incumbent
1906–07 Charles Francis Lawson
1907–10 Ernest Hunter Wright
1910–11 Geddes Smith

Schiff Fellowship

The Schiff Fellowship in Political Science, the gift of Mr. Jacob H. Schiff, is of an annual value of $600. The appointment is made each year by the Council upon the recommendation of the Faculty of Political Science, which recommendation is based upon the nomination following: On or before April 1 of each academic year the Faculty of Political Science shall propose to Mr Jacob H. Schiff while living the name of a suitable person for nomination by him. The conditions to govern the nomination after Mr. Schiff's death will be found in the University Statutes.

Schiff Fellows

1898–1900 William Henry Fry
1900–01 Walter Percy Bordwell
1901–02 Ulrich Bonnell Phillips
1902–03 George Charles Selden
1903–04 Preserved Smith
1904–05 Norris Arthur Brisco
1905–06 Charles Ramsdell Lingley
1906–07 Samuel G. Nissenson
1907–08 Carl F. L. Huth
1908–09 Leonard Stott Blakey
1909–10 Charles Elmer Gehlke
1910–11 Will Carson Ryan, Jr.

Carl Schurz Fellowship

The Carl Schurz Fellowship for the Study of the German Language and Literature is awarded, in every even-numbered year, by the Council, upon the recommendation of the professors of the Department of Germanic Languages and Literatures. The Fellow shall be entitled to receive the net income for two years of the capital sum of $10,000, constituting the endowment contributed by citizens of New York, in commemoration of the seventieth birthday of Carl Schurz. The appointment may be renewed for reasons of weight for a further term of one year, but without additional stipend.

Candidates must present testimonials as to their zeal and success in the study of German, and must by an essay or published treatise give evidence of their fitness for a wider and more profound study of the languages and literatures and for independent research. They must also have a sufficient knowledge of Latin and French to use these languages readily in the prosecution of their studies. The holder must study at Columbia University under the direction of the Department of Germanic Languages and Literatures, unless permitted by the Council to study at some German university.

Carl Schurz Fellows

1902–03 John Louis Kind
1904–05 Allen Wilson Porterfield
1906–07 Henry Hermann Louis Schulze
1908–09 Percy Gaines Craig
1909–10 Henry John Skipp
1910–11

William Mitchell Fellowship

The William Mitchell Fellowship shall be awarded annually by the Trustees, on the nomination of the Faculty of Columbia College, to a graduate of the College who purposes entering upon a course of advanced study in letters or science, and who is adjudged by the Faculty capable of attaining distinction in such courses of study. In determining the appointment, preference shall be given to members of the graduating class and to graduates of not more than three years' standing. The Fellow so appointed shall be entitled to receive the net income of the fund of $10,000, bequeathed by Benjamin D. Silliman, and he is permitted to study at Columbia University or elsewhere.

William Mitchell Fellows

1908–10 Irving Comes Demarest
1910–11 Maurice Picard

Samuel Anthony Goldschmidt Fellowship

The Samuel Anthony Goldschmidt Fellowship in Chemistry is awarded each year by the University Council in the same manner as University Fellowships are awarded and subject to the same regulations. The Fellow shall be entitled to receive the net annual income of $16,250, the gift of George B. Goldschmidt in memory of Samuel Anthony Goldschmidt of the class of 1871.

Goldschmidt Fellows

1909–10 Edward Calvin Kendall
1910–11 Almer McDuffie McAfee

Annual Fellowships

The Treasurer may receive gifts of money for fellowships for one year or more provided that no fellowship shall be created for less than $500 per annum. Such fellowship shall be filled by the University Council, subject to such regulations as may be prescribed.

1909–10 Manuel Gamio.....*Anthropology*

UNIVERSITY SCHOLARSHIPS

Twenty University Scholarships, of an annual value of $150, are awarded by the University Council at the regular meeting in May to

students under the Faculties of Political Science, Philosophy, and Pure Science, who are not over thirty years of age, under the following regulations:

1. They are open to all graduates of colleges and scientific schools whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for one of the higher degrees.

2. They are tenable for one academic year, with a possibility of renewal for one year longer.

3. Applications should be filed in writing, not later than May 1.

4. In the awards preference will be given to those candidates for University Fellowships who have failed of appointment after having been recommended therefor by any faculty or department.

5. University Scholars will be required to enrol themselves as candidates for a higher degree and to pursue a regular course of study leading thereto.

6. Additional Scholars may be appointed by the Committee to fill any vacancies occurring otherwise than by the graduation of an incumbent.

7. A University Scholar may relinquish the income thereof without waiving his right to be designated as a University Scholar.

University Scholars 1910–11

ISRAEL S. ADLERBLUM.....*Economics*
CORNING BENTON.....*Spanish-American History*
CHARLES ANTONINUS CARROLL.....*English*
NIELS CHRISTIAN CHRISTENSEN, JR.....*Geology*
GARABED K. DAGHLIAN.....*Physical Chemistry*
ROLLIN COLEGROVE DEAN.....*Zoölogy*
EDWARD JONES ERWIN.....*English*
GEORGE AUGUSTUS GEIGER.....*Chemistry*
ENOCH BURTON GOWIN.....*Sociology*
MICHAEL HEIDELBERGER.....*Organic Chemistry*
HARRY WELLINGTON LAIDLER.....*Economics*
DARWIN O. LYON.....*Psychology*
HERMAN JOSEPH MULLER.....*Physiology*
GARRY CLEVELAND MYERS.....*Psychology*
ROBERT W. PATERSON.....*History*
EDWARD O. PERRY.....*Romance Languages*
GEORGE ADAM PFEIFFER.....*Mathematics*
ARTHUR MAYER SCHLESINGER.....*American History*
GEORGE FRISBIE WHICHER.....*English*
CHANDLER COX YONGE.....*Architectural Drawing and Special Design*

President's University Scholarships

Eight additional scholarships, known as the President's University Scholarships, are awarded by the University Council, governed by the

regulations attached to the University Scholarships, and by such further regulations as may from time to time be adopted.

President's University Scholars, 1910–11

LEON HARDY CANFIELD.....*Mediæval and Church History*
JOHN ALDEN GRIMES.....*Geology*
JOHN DIEDERICH HASEMAN.....*Zoölogy*
HARVEY HATCHER HUGHES.....*English*
SAMUEL SIMON LAUCKS.....*Administrative Law*
CHIN YIN LIU.....*Mining*
LOUIS MAYERS.....*Constitutional Law*
HARRY VICTOR EMANUEL PALMBLAD.....*Germanic Languages*

University Scholarships for Women

Four University Scholarships, known as the Curtis University Scholarships, will be awarded annually to women students under the Faculties of Political Science, Philosophy, and Pure Science. These scholarships are awarded under the same regulations as those governing the University Scholarships.

Curtis University Scholars, 1910–11

DORA ASKOWITH.....*Mediæval History*
MARIAN LATHROP GIBSON.....*Latin*
CLARE MACLLELEN HOWARD.....*English*
EDNA REBECCA SCALES.....*Mathematics*

Richard Butler Scholarship

The Richard Butler Scholarship, tenable for one academic year, with the possibility of renewal for each of two years more, for the benefit of male students born in the State of Ohio, is open for competition to qualified candidates who propose to enter any college or school of the University (except Teachers College or the College of Pharmacy). The annual value (to be applied to tuition charges) is the income of a fund of $5000, given for the establishment of the scholarship.

Applications should be made under the same regulations as those for University Scholarships.

Richard Butler Scholars

1904–07 OTHO LEE MONROE
1907–09 JOHN SHERMAN ROBINSON
1909–10 HOWARD DWIGHT SMITH
1910–11 GEORGE DENTON BEAL

Pulitzer Scholarships

Through the generosity of Mr. Joseph Pulitzer, male graduates of the public high-schools of the city of New York, not to exceed forty at any time, are awarded scholarships upon competitive examination. Each scholarship so awarded may be held for a period of four years in the College or in any department of the University except the Medical School, Teachers College, and the College of Pharmacy. The scholarship will be withdrawn if at any time the holder fails to maintain a satisfactory standard in his academic work. During his term the scholar receives from Mr. Pulitzer the sum of $250 a year over and above the cost of his tuition. Full information regarding the conditions under which these scholarships are awarded will be furnished, upon application, by the Secretary of the University.

John D. Jones Scholarship

The Wawepex Society makes annual provision for a scholarship amounting to $200 and including the use of a table at the biological laboratory at Cold Spring Harbor, L. I. The award is made by the Council upon the recommendation of the Department of Zoölogy.

John D. Jones Scholars

1898–99 Francis Bertody Sumner
1899–1900 John Cutler Torrey
1900–01 Frederick Clark Pualmier
1901–02 William E. Kellicott
1902–03 Charles Zeleny
1903–04 Louis I. Dublin
1904–05 Charles Rupert Stockard
1905–06 John Howard McGregor
1906–07 David Day Whitney
1907–08 Charles V. Morrill
1908–09 David Day Whitney
1909–11 Aaron Franklin Shull, Jr.

Annual Scholarships

The Treasurer may receive gifts of money for scholarships for one or more years, provided that no such stipend shall be less than the annual tuition fee of the college or of the school in which it is provided.

Annual Scholars

Josephus C. Anderson.....*English*
Roy G. Blakey.....*Economics*
Seymour Paul.....*Economics*
George C. Clancy.....*English*
William T. Hale.....*English*
Paul Coleman.....*English*
Joseph H. Clark.....*Architecture*
Milledge L. Bonham, Jr.....*History*
Chilton L. Powell.....*English*
Charles L. Lewis.....*English*

Special Alumni Association Scholarships

GEORGE S. PATTERSON ..... *Applied Science*
RICHARDS HALE ..... *College*
BIRL E. SCHULTZ ..... *Political Science*
WALTER F. DAVID ..... *Law*
LYMAN M. KELLS ..... *Pure Science*
HOWARD W. NUDD ..... *College*
MILTON MEYERS ALLISON ..... *College*
A. P. MEYER ..... *Applied Science*
CHARLES R. FETTKE ..... *Pure Science*
G. RAYMOND WEBB ..... *College*
URBAN F. PEACOCK ..... *Architecture*
FRANK H. SIMMONDS ..... *Science*
HUGH SMITH RICE ..... *College*
W. B. LANGFORD ..... *Science*
SELIN E. WOODWORTH ..... *Science*
HUGO H. MOSS ..... *Science*
CALVIN BRIDGES ..... *Political Science*

Benefactors Scholarships

Sixty-three scholarships of tuition value were established by the Trustees in 1899 in recognition of the liberal gifts for the purchase of the site on Morningside Heights received from J. Pierpont Morgan, Cornelius Vanderbilt, A. A. Low, R. Fulton Cutting, Alfred Corning Clark, Samuel Sloan, Henry Parish, Jacob H. Schiff, and others. These scholarships have been assigned to different faculties as follows: Columbia College 20; Applied Science 27; Law 16.

Medals and Prizes

Essays submitted in competition for any of the following should, unless otherwise indicated, be submitted to the Secretary of the University not later than May 1, in the year of award. The essays should be signed fictitiously and should be accompanied by a sealed envelope containing the author's name and address. The awards are announced at Commencement and, unless otherwise indicated, are annual.

National Society of the Sons of the American Revolution Medal.

For information as to the award of the medals offered by this Society, apply to the Secretary of the University.

Barnard Medal

A gold medal of the value of $200 established by the provisions of the will of President Barnard and endowed by him, known as the "Barnard Medal for Meritorious Service to Science," is awarded

quinquennially (next award 1910) to such person, if any, whether a citizen of the United States or any other country, as shall within the five years next preceding have made such discovery in physical or astronomical science, or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences of the United States shall be esteemed most worthy of such honor.

Awards

1895 Lord Rayleigh and Professor William Ramsay
1900 Professor Wilhelm Conrad von Röntgen
1905 Professor Henri Becquerel
1910 Professor Ernest Rutherford

Bennett Prize

A prize established through a gift of $1000 from Mr. James Gordon Bennett, may be awarded by the Faculty of Political Science for the best essay upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. The competition is open to students not holding a baccalaureate degree who pursue courses amounting to six hours a week in the School of Political Science. The subject for 1911 is "State Conservation of National Resources versus National Conservation."

Award of 1910

Leon Fraser

Bunner Medal

The H. C. Bunner Gold Medal, established by the friends of the late Henry Cuyler Bunner, is awarded to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American literature. The award will be made by a committee to be appointed by the President. The subject for the essays to be handed in on May 1 1911, is "The Sonnet in American Poetry."

No award in 1910

Loubat Prizes

Mr. Joseph F. Loubat has endowed two prizes of $1000 and $400, respectively, for the best works published in the English language upon the history, geography, archæology, ethnology, philology, or numismatics of North America. The next award will be made in 1913. Competition is open, under the deed of gift, to all persons, whether connected with Columbia University or not, and whether citizens of the United States or of any other country. No treatise shall be eligible for the purposes of the competition except such as relate to the topics involving antiquarian research, or that refer to events prior to

1776. In order to insure consideration of their works, authors are invited to send copies to the President of Columbia University not later than April 1 of the year in which the prize is to be awarded; but the competition will not be restricted to works thus submitted. For names of the Committee of Award for 1913, and for further details, address the Secretary of the University.

Award of 1893: First Prize, "History of the United States of America during the Administrations of Jefferson and Madison," by HENRY ADAMS.
Second Prize, "Report of Investigations among the Indians of the Southwestern States," by A. F. BANDELIER.

Award of 1898: First Prize, "Stone Implements of the Potomac–Chesapeake Tidewater Province," by WILLIAM HENRY HOLMES.
Second Prize, "The Social Organization and the Secret Societies of the Kwakiutl Indians," by FRANZ BOAZ, Ph.D.

No award in 1903

Award of 1908: First Prize, "The American Colonies in the Seventeenth Century," by HERBERT LEVI OSGOOD, Ph.D., LL.D.
Second Prize, "The History of the Society of Jesus in North America," by Rev. THOMAS ALOYSIUS HUGHES, S. J.

Grant Squires Prize

The Grant Squires Prize, the income for five years of a fund of $1000, established by Grant Squires, A.B. '85, LL.B. '87, is awarded at the close of every quinquennial period, to such graduate conducting an original investigation of a sociological character as shall be adjudged most worthy by a Committee of Award, consisting of the President, the Professor of Sociology, and one of the Professors of Political Economy appointed by the Faculty of Political Science. The next award will be in 1910. Such award shall be deemed to be a recognition of scientific ability and achievement, as well as an encouragement of research.

Award of 1910

HOWARD WASHINGTON ODUM

Toppan Prize

A prize known as the Robert Noxon Toppan Prize, the income of an endowment of $4000, in memory of Robert Noxon Toppan, LL.B '61, is awarded annually to the member of the School of Law or of Political Science who shall pass the best written examination upon a paper prepared by the Professor of Constitutional Law.

Award of 1910

ZENAS L. POTTER

Prize of the Dante Society

The Dante Society of Cambridge, Mass., offers an annual prize of $100 for an essay on a subject drawn from the life or works of Dante. This prize is open to competition by students of Columbia University and by graduates of not more than three years' standing. For particulars, see the *Announcement* of the Division of Modern Languages.

Earle Prize in Classics

A prize of $50 established in memory of Mortimer Lamson Earle, Instructor in Greek in Barnard College from 1889 to 1895 and from 1898 to 1900, and Professor of Classical Philology from 1900 to 1905, is open for annual competition to all candidates for the degree of Bachelor of Arts. It will be awarded partly on the basis of the regular work of the year in Greek and in Latin, partly on the basis of a special examination held in May or June. The special examination will cover specified portions of Greek and Latin literature, sight-reading in Greek and in Latin, and prose composition in Greek and in Latin. For 1911 the special subjects will be "The Iphegenia Taurica" and the Alcestis of Euripides and Books I and II of Vergil's Georgics.

Award of 1910

ELIZABETH NITCHIE

Prizes of the New Jersey Alumni Association

Two prizes of $50 each are awarded annually by the New Jersey Alumni Association to the New Jersey students who pass the best entrance examinations to Columbia College and the Schools of Mines, Engineering, and Chemistry, respectively; with the proviso that before the award these students shall complete satisfactorily one half-year of academic work.

Awards of 1910

Columbia College—JAMES PERRY WILSON
Schools of Mines, Engineering, and Chemistry—No award

Loan Funds

There are two funds available for short-term loans to needy students which may be drawn upon by permission of the President.

Scholarships and Prizes in Columbia College

Seventy-two scholarships, of the annual value of $150 each, are open for competition in Columbia College. All scholarships are intended to be academic honors. Award is made, with the exception of the scholarships depending upon entrance examinations, by the Com-

mittee on Scholarships. Unless otherwise indicated, application for award for each year of incumbency must be made on or before May 1, on blanks furnished by the Secretary of the University. Awards will be announced not later than July 1.

No student who has incurred serious academic censure, or who obtains leave of absence for the year of appointment, will be considered for reappointment. Failure to maintain a grade of at least C in all courses taken may, and in the case of competitive scholars will, vacate the scholarships. Vacancies may be filled at the discretion of the Committee. Payment of one or both instalments of the stipend may be withheld if the student proves undeserving.

The stipend of the scholarship is sufficient to pay the tuition fees of a student electing not more than 15 points in Columbia College. Students permitted by the Dean to take more than 15 points or to elect professional courses must pay the difference between the amount of the scholarship and the charge fixed by the statutes for the courses elected.

Section I—Competitive Scholarships awarded, not later than July 15 in the order given, by the Committee on Admissions to those qualified Freshmen who pass in June the best entrance examinations in subjects aggregating the fifteen units requisite for admission. The examination may be taken at any point where examinations are held by the College Entrance Examination Board. No applications are required from candidates for first appointment. Reappointments are made under the general regulations of the Committee on Scholarships.

Alumni Competitive Scholarships 4

Founded by the Trustees in 1890, one awarded annually.

For 1910–11

Class of 1911—M. L. Yates
Class of 1912—C. D. Zigrosser
Class of 1913—W. P. Smale, Jr.
Class of 1914—Frank Barnes

Hewitt and Harper Scholarships (2 each) 4

Endowed by the gift of Abram S. Hewitt, LL.D., of the Class of 1842, and by the bequest of Joseph W. Harper, A.M., of the Class of 1848. One open annually for competition to graduates of New York City high-schools.

For 1910–11

Harper, Class of 1912—Elbridge Colby
Harper, Class of 1914—A. C. Rothwell
Hewitt, Class of 1911—Carolus S. Woodwell
Hewitt, Class of 1913—H. H. Nordlinger

Brooklyn Scholarships..... 12—20

Founded by the Trustees in 1895, in recognition of ex-President Low's gift of a memorial building for the University Library. Three are open for competition annually to residents of Brooklyn trained either in the public or the private schools of that borough.

For 1910–11

Class of 1911—Abraham M. Grill
Class of 1911—William Henry Hastings, Jr.
Class of 1911—M. G. Spooner
Class of 1912—Arthur B. Brenner
Class of 1912—W. E. Shrewsbury
Class of 1912—R. H. Young
Class of 1913—Nathan Shanks
Class of 1913—Michael Gottesman
Class of 1913—Charles Perlowitz
Class of 1914—Samuel Camen
Class of 1914—E. S. Swazey
Class of 1914—R. J. Reynolds

Louis K. McClymonds Scholarships

The Louis K. McClymonds Scholarships (2) of the annual value of $650, maintained by Mrs. Annie K. McClymonds in memory of her late husband, are open to those candidates for the degree of A.B. or B.S. who shall have satisfactorily completed the requirements for admission, and who in the judgment of the Faculty of Columbia College shall be deemed most deserving of appointment. Other things being equal, preference shall be given to sons of American-born parents who have no other means of providing for their tuition and living expenses during the academic year.

For 1910–11

Class of 1911—D. R. Fox
Class of 1913—R. S. Harris

Section II—General Scholarships awarded to applicants whose record for ability and scholarship obtained either before or after matriculation gives evidence of special fitness for the course of study which they wish to pursue. Candidates in their first year of residence at Columbia University must be strongly recommended by the college or school from which they have come, and have shown marked proficiency or promise in college work. Students not in need of financial aid cannot be considered as applicants, nor can those who, through physical, mental, or moral weakness, give little promise of future usefulness.

A. Open to members of any class:

Faculty Scholarships established by the Trustees..... 6

Beck Scholarship..... 1
Established in recognition of the liberality of Charles Bathgate Beck, A.B. 1877, LL.B. 1879.

Campbell Scholarships (see page 487)..... 2

Class of 1848 Scholarships (see page 488)..... 2

Scholarships of the Society for Promoting Religion and Learning..... 8—19
Founded and awarded by this Society.

B. Open only to Freshmen. The requirements for admission must be completed before matriculation. For award after entrance, applications should be filed not later than October 1, 1910, or February 16, 1911. In general, awards will not be made later than December 1 or March 1, respectively.

Schermerhorn Scholarships..... 5
Endowed by John Jones Schermerhorn, A.B. 1825.

Moffat Scholarships..... 2
Endowed by William B. Moffat, A.B. 1838; M.D. 1842.

Stuart Scholarships (see page 476)..... 2

Alumni Association Scholarships..... 4—13
Established by the Trustees in recognition of the interest that the Alumni Association has always shown in the affairs of the College.

Benefactors Scholarships (see p. 446:) Morgan (5), Vanderbilt (5), A. A. Low (3), Cutting (2), Clark (2), Sloan (1), Parish (1), Schiff (1) 20—72

Prize of the Alumni Association

A prize of fifty dollars in money or its equivalent "to the most faithful and deserving student of the graduating class" was established in 1858 by the Association of the Alumni of Columbia College. The graduating class selects the incumbent from three names submitted to it by the Faculty; or if, ten days prior to Commencement, the class should notify the President of the University of its failure to make a selection, the award may be made by the Faculty.

Names submitted in 1910

Daniel Leary, Jr.
Edgar Howard Osterhout (selected)
William De Forest Pearson

Chanler Historical Prize

By the bequest of J. Winthrop Chanler, A.B. '47, the income of $1000 is awarded annually, on Commencement Day, to the member

of the graduating class of Columbia College who, in the judgment of the Faculty, shall be the author of the best original manuscript essay on the history of civil government in America, or some other historical subject, the subject for 1911 being "The Political Principles of Jefferson and Jackson."

Award of 1910

LEON FRASER

Curtis Medals

An endowment fund of $1000 established by the late Samuel Putnam Avery, an associate of George William Curtis in the work of Civil Service Reform, provides for the award of two medals of gold and silver to students in Columbia College for excellence in public delivery of English orations. Competitors must be either third- or fourth-year students in regular standing, or in exceptional cases, and with permission of the Dean, special students taking corresponding courses amounting to not less than 12 hours a week. The Department of English publishes about November 1 a list of subjects for the competition. Subjects not on the list may be chosen with the consent of the department provided that application be made not later than December 1. The contestants will be selected by the department at a preliminary competition which will not be open to the public. The final public competition will be held not less than two weeks later. The award will be made by judges appointed by the President.

Award of 1910

Gold Medal—DIXON RYAN FOX
Silver Medal—GEORGE W. A. SCOTT

General Theological Seminary Prizes

Regulations as to the Seminary prizes adopted by the Protestant Episcopal Society for Promoting Religion and Learning in the State of New York, at a stated meeting held on April 25, 1900:

Notice shall be given every year of the conditions of the prizes under the old regulations (see *Announcement of the College for 1900–01*, page 72), and applications invited. Wherever the conditions of the preceding competition show that one or both of the prizes have not been taken for lack of applicants, notice shall at the same time be given of the competition for the prize or prizes thus open under the new regulations set forth each year in the *Announcement of Columbia College*.

The Society's Greek Seminary Prize amounts to $30 and the Society's English Prize to $20.

No Award in 1910

John Dash Van Buren, Jr., Prize in Mathematics

A prize known as the John Dash Van Buren, Jr., Prize in Mathematics was established by Mrs. Louis T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., a member of the Class of 1905. The annual income of $5000 is awarded to the candidate for an academic degree who passes the best examination in analytical geometry, differential and integral calculus, and in such additional subjects as the Department of Mathematics may prescribe.

No Award in 1910

Undergraduate Prizes in Belles-Lettres

Three prizes, aggregating $150, are offered annually by J. E. Spingarn of the Class of 1895, for encouraging the study of belles-lettres among the students of Columbia College. A prize of $60 is offered for the best poem, $50 for the best critical essay on a work or works of the imagination, and $40 for the best short story, to be submitted on or before February 1 of each year. Further information may be obtained from the Secretary of the University.

Award of 1910

For the best poem:

Prize divided { Daniel Leary, Jr.
Garibaldi M. Lapolla
Edward Heyman Pfeiffer

Award of Honors, Columbia College, 1910

General Honors

Highest Final General Honors—Mortimer Brenner
Louis Grossbaum
John Dotha Jones
Rollo Linsmore de Wilton

Class of 1911

Dixon R. Fox
Ismar Ginsberg
Abraham M. Grill
Isidor Haber
A. H. Meyer
Edwin W. Stone

Class of 1912

ARTHUR B. BRENNER
E. L. GLUCK
J. H. HENLE
LESTER S. HILL
ORRIN C. ISBELL
SAMUEL J. LEVINSON
ANGELO LIPARI
GABRIEL RUBINO
MILES L. YATES
C. ZIGROSSER

Class of 1913

RANDOLPH S. BOURNE
CALVIN S. GLOVER
NATHANIEL E. HANDLER
SIEGFRIED HARTIG
MILTON KADISON
EUGENE KLEIN
CLARENCE A. MANNING
CHARLES H. MEYER
PARKER LE R. MOON
H. H. NORDLINGER
ALAN DEF. SMITH
JAMES P. WILSON

Scholarships and Prizes in the School of Law

Twenty-one scholarships of the annual value of $150 each are available annually for award to candidates for the degree of Bachelor of Laws standing in need of pecuniary aid and whose record for ability and scholarship gives evidence of special fitness for the work of the school.

The scholarships will be awarded by the Faculty at its meeting in June, immediately preceding Commencement. Scholarships not allotted at the June meeting, or becoming vacant, may be filled by the Faculty at its discretion.

Benefactors Scholarships.—Eight Morgan and eight Vanderbilt Scholarships, known as Benefactors Scholarships (see p. 446), may be awarded to students who have been in the school for at least one year.

Faculty Scholarships.—Four Faculty Scholarships may be awarded to members of any class.

Beck Prize Scholarship.—The Charles Bathgate Beck Prize Scholarship is awarded to the first-year candidates who shall pass the best examination in the subjects relating to Real-Estate Law. The holder shall, provided he remains a member of the school, receive one year's income of the prize fund established by the will of Charles Bathgate Beck in equal semi-annual instalments, during the two years following the award. If two or more students pass examinations of equal merit, the income of the fund may be divided.

Awards of Beck Scholarships

1900–1901 CHARLES R. GANTER
1901–1902 HENRY STARR GIDDINGS
1902–1903 H. H. BABCOCK
E. P. GROSVENOR
1903–1904 E. L. BEATTY
1904–1905 JOHN M. GRIFFITH
1905–1906 CHARLES B. SHELTON
1906–1907 ROBERT LEROY
1907–1908 CHARLES M. TRAVIS
1908–1909 EDWARD H. HART
1909–10 WILDER GOODWIN
1910–11 JEROME MICHAEL—½
P. S. ANDREWS—½

Convers Prize

A prize, known as the E. B. Convers Prize (the annual income of the sum of $1000), has been established in the School of Law in memory of E. B. Convers, of the Class of 1866. This prize will be awarded annually to such member of the graduating class in the Law School as may write the best original essay on some legal subject to be chosen from a list of ten subjects prepared each year by the Faculty of Law or on any other legal subject approved by the Faculty.

No Award in 1910

Fellowships, Scholarships, and Prizes in the College of Physicians and Surgeons

Alumni Association Fellowships

Provision is made annually by the Alumni Association of the College of Physicians and Surgeons for three fellowships, tenable for one year and of an annual value of $500, open to graduates who have shown special aptitude for scientific research in the Departments of Anatomy, Physiology, and Pathology. Appointments are made by the Executive Committee of the Alumni Association from candidates presented by the Professors of Anatomy, Physiology, and Pathology.

Incumbents are expected to devote themselves to scientific research in the department which they may elect, either at Columbia University, where they enjoy free tuition and the privileges of the laboratories, or in other institutions either here or abroad, at their own expense, and at the end of the year's work to present to the Association a thesis containing evidence of independent or original work in their special department.

Award of 1910–11

BENJAMIN MICHAILOVSKY, B.S., M.D. ..... *Pathology*
ALFRED EINSTEIN COHN, A.B., M.D. ..... *Pathology*

Proudfit Fellowship in Medicine

The Maria McLean Proudfit Fellowship, endowed by the late Alexander Moncrief Proudfit, A.B. '92, for the encouragement of advanced studies in medicine, is open to any son of native-born American parents, a graduate in medicine, who shall pursue advanced studies in internal medicine under the direction of the Medical Faculty of the University, and who shall, while enjoying such fellowship, remain unmarried, and shall be appointed by the University Council upon the recommendation of the Faculty of Medicine. Appointment shall be made every four years, upon terms to be designated by the Faculty.

The Fellow shall carry on his studies under the direction of the Faculty of Medicine.

Proudfit Fellows in Medicine

1904–08 Linsly Rudd Williams
1908 No award
1909 Edwards A. Park

Alonzo Clark Scholarship

By the will of the late Alonzo Clark, M.D., LL.D., for many years President of the College of Physicians and Surgeons, and Professor of Pathology and Practical Medicine, it has been placed in the power of the Faculty to bestow a scholarship, with an income of about $700 a year, for the purpose of promoting the discovery of new facts in medical science.

Award of 1910–11

(Not yet appointed)

Abram Dubois Fellowship

The Abram Dubois Fellowship, established in 1910, is open to a graduate of the School of Medicine who shall have satisfactorily completed a term of service of one year or more, the whole or greater part of which shall have been devoted to the study of diseases of the eye as interne in a hospital in New York, or elsewhere, approved by the Committee on Award. The award is made annually, but the holder may be continued in the fellowship, if no equally worthy candidate presents himself. The incumbent is restricted to clinical and laboratory study of the subject of diseases of the eye in foreign or American universities.

George Blumenthal, Jr., Scholarship

There shall be a scholarship or scholarships open to qualified candidates maintained in the College of Physicians and Surgeons by the income of the George Blumenthal, Jr., Scholarship Fund. An annual award or awards shall be made to a student or students to cover the cost of tuition or for other purposes, in amounts not less than $250 nor more than $500 to any one student in any one academic year.

Prizes

The following prizes are awarded for the best medical essay submitted under the conditions named in the statement of each prize, and, in addition, under the following general regulations:

Each essay must be marked with a device or motto, and accompanied by a sealed envelope similarly marked and containing the name and address of the author, and a written statement that the essay contains the result of original investigation made by him, that it is not the work

of more than one author, and that it has not at the same time been submitted for any other prize. If in any case no essay is received that is deemed sufficiently meritorious, the prize will not be awarded.

Alumni Association Prize

The Alumni Association Prize of $500 is awarded biennially (next award, 1910) to an alumnus of the College of Physicians and Surgeons for the best medical essay submitted upon any subject that the writer may select. Essays should be sent to the Secretary of the Alumni Association of the College of Physicians and Surgeons on or before April 1 of the year of award.

Award of 1910–11

JOSEPH BYRNE, M.D. (1895)

Cartwright Prize of the Alumni Association

The Cartwright Prize of $500 was endowed by a bequest of $10,000 left by Benjamin Cartwright, and is offered for competition in alternate years with the Alumni Association Prize.

It is awarded on the same terms as the latter, except that it is open to universal competition.

Award of 1909

SAMUEL O. MAST

Joseph Mather Smith Prize

The fund for this prize was given by the relatives, friends, and pupils of the late Dr. Smith, as a memorial of his services as Professor in the College of Physicians and Surgeons from 1826 to 1866. Under the provisions of the trust an annual prize of $100 is awarded for the best essay on the subject of the year, presented by an alumnus of the College. The competing essays should be sent to the Dean of the College of Physicians and Surgeons on or before March 10.

No award in 1910

Stevens Triennial Prize

The Stevens Triennial Prize, value $200, established by the late Alexander Hodgdon Stevens, M.D., formerly President of the College of Physicians and Surgeons, is open for universal competition. (Next award 1912.)

The Dean of the Medical Faculty, the President of the Alumni Association of the College of Physicians and Surgeons, and the Professor of Physiology are, ex-officio, the administrators of the prize. Essays must be in the hands of the first-named on or before January 1 of the year of award.

Scholarships

Thirteen scholarships of the annual value of $250, and tenable for one year are open to candidates for the degree of Doctor of Medicine. The award of these scholarships is made only to students whose record for ability and scholarship gives evidence of special fitness and who need pecuniary aid to obtain an education.

Harsen Scholarships—The income of a fund established by the late Jacob Harsen, M.D., in 1859, for the purpose of "promoting the study of Medical and Surgical Practice," has, under an order of the Supreme Court, been made available for the award of five scholarships to students in the College of Physicians and Surgeons, in lieu of the Harsen prizes heretofore awarded. Of these scholarships, which are known as the "Harsen Scholarships," two may be awarded to students taking the second year in the medical course; two to students in their third year; and one to a student in his fourth year, provided that the aggregate of the stipends of such scholarships shall not exceed the income earned by the fund during the preceding year.

Faculty Scholarships—These are four in number and may be awarded to members of any class.

Vanderbilt Scholarships—In recognition of the liberal gifts of William H. Vanderbilt to the College of Physicians and Surgeons, four scholarships, to be known as the "William H. Vanderbilt Scholarships," have been established. These are open to students of any class.

Scholarships and Prizes in the Schools of Mines, Engineering, and Chemistry

Thirty-five scholarships of the annual value of $250 each are available annually for award to meritorious candidates for professional degrees in Mines, Engineering, and Chemistry, who are in good academic standing, and in need of pecuniary aid.

The awards will be made not later than July 1 by the Committee on Scholarships. Scholarships not allotted at this time, or becoming vacant, shall be filled by the Committee at its discretion.

Twenty-seven Benefactors Scholarships (see p. 446) are open to students in the Schools under the Faculty of Applied Science, as follows: Morgan (7), Vanderbilt (7), James (10), Jesup (1), Babcock (1), and Ottendorfer (1). These scholarships may be awarded to students who have been in the University for at least one year.

In addition to the above, eight Faculty scholarships may be awarded to members of any class.

Marcus Daly Scholarship in Mining Engineering

The Marcus Daly Scholarship of the annual value of $1000, maintained by Mrs. James W. Gerard in memory of her father, is open to that worker or descendant of a worker in the Montana mines who

passes the best competitive entrance examinations to the course in Mining Engineering. The winner of the scholarship shall hold the same throughout his course in mining engineering, subject to the same conditions of reappointment as those imposed upon the holders of competitive scholarships in Columbia College. As soon as the term of one holder of the scholarship is about to expire, another competitive examination is held.

1904–08 HENRY FARMER DAVIS 1908– CORNELIUS G. SULLIVAN

Illig Medals

A bequest of $2000 left by William C. Illig, E.M. '82, provides for the annual award of medals at Commencement to the student or students in the graduating class of the Schools of Mines, Engineering, and Chemistry, who shall, in the judgment of the Faculty, have merited the same by commendable proficiency in their regular studies.

Award of 1910

GEORGE ERLE BEGGS, A.B.
LAWRENCE RIPLEY CLAPP
FREDERICK S. DELLENBAUGH, JR.
HENRY DREW EGBERT, A.B.

Darling Prize

The Edward A. Darling Prize in Mechanical Engineering, the income of $1000, bequeathed by Edward A. Darling, formerly Superintendent of Buildings and Grounds, shall be awarded annually to the most faithful and deserving student of the graduating class in Mechanical Engineering, the recipient of the prize to be chosen by ballot by members of the graduating class in the course in Mechanical Engineering from among three names to be chosen by the Faculty of Applied Science.

Award of 1910

HENRY DREW EGBERT, A.B.
DAVID S. HERZOG
WALTER WECKERLE OAKLEY
(Selected by the Class for prize)

Scholarships and Fellowships in the School of Architecture

Columbia Fellowship

The Columbia Fellowship in Architecture, the net income of $13,000, established in recognition of the gifts of F. Augustus Schermerhorn, E.M. '68, to the School of Architecture, is open each year to graduates of the three preceding years, and is awarded in June as the result of a competition in design. The winner is required to spend a year in the School as a graduate student in Design. The value of this Fellowship in 1909 was $535.

Columbia Fellows in Architecture. (Until 1905 this was a travelling fellowship awarded biennially.)

1890–91 Arthur A. Stoughton
1892–93 Horace B. Mann
1894–95 Seth Justin Temple
1896–97 William Kinne Fellows
1898–99 William Clark Ayres
1900–01 Theodore Blondel, Jr.
1902–03 Arthur Ware
1904–05 Hubert Van Wagenen, Jr.
1905–06 Thomas William Ludlow
1906–07 Emilio Levy
1907–08 No award
1908–09 Edward John Stork
1909–10 William Lawrence Bottomley

McKim Fellowships

The McKim Fellowship in Architecture, endowed by gift of Charles F. McKim of $20,000, is open to graduates who have received their degrees within six years preceding its bestowal, and is awarded in May of each year as the result of a competition in design. The holder is required to spend a year in foreign travel and study. Any incumbent who has displayed marked proficiency and promise is eligible to reappointment for one year, but no more. The value of this Fellowship is $820.

McKim Fellows in Architecture

1891–92 A. C. M. del Monte
Alexander M. Welch
1893–95 George Oakley Totten, Jr.
William Lincoln Thorne
1895–97 John Russell Pope
1897–98 Harry Allan Jacobs
1898–99 John Russell Pope
Harry Allan Jacobs
1899–1901 Livingston Pell
William Edward Parsons
1901–02 Charles Ludwig Otto
Edward Necarsulmer
1903–04 Francis Augustus Nelson
George Washington Jacoby
1904–05 No incumbent
1905–07 Lucien Easter Smith
1907–09 William Lawrence Bottomley
1909–11 Charles Theodore Emile Dieterlen

Perkins Fellowship

A travelling fellowship, the net income from a fund of $5700, from the bequest of the late Willard P. Perkins, is awarded every fourth year, the next award being in 1910. The conditions of award and the purposes of the fellowship are the same as for the McKim Fellowships.

Perkins Fellows

1902–03 Charles Sumner Kaiser
1906–07 Arthur Lobo
1910–11 H. D. Smith

Scholarships

Four scholarships of the value of $200 are awarded in the School of Fine Arts, under the same general conditions as those in the Schools of Mines, Engineering, and Chemistry (see page 459).

Barnard College

Honors

Honors are of two kinds, departmental and general honors. The regulations governing their award are the same as those for the corresponding "Honors in Columbia College" (see page 192).

Departmental Honors

French	Madelaine Emily Bunzl, *First Year*
Greek	Edith Moore Valet, *Second Year*
Latin	Gertrude Elizabeth Morris, *First Year*
Mathematics	Antoinette Dyett Hill, *Final*
	Anna Francis Herreshoff, *Third Year*
	Caroline Eustis Seely, *Third Year*
	Edith Matilda Morris, *Second year*
	Marjorie Elizabeth O'Connell, *Second Year*
	Ethel May Hawkey, *First Year*
	Bessie Nelson MacDonald, *First Year*
	Gertrude Elizabeth Morris, *First Year*

General Honors

Fanny Aurill Bishop
Catherine Ethel Craddock
Harriet Florence Hale
Edith Halfpenny
Mildred Valentine Hamburger
Margaret Tower Hart
Ethel May Hawkey
Elsa Sauter Mehler
Ruth Anna Osterberg
Ottilie Prochazka
Claire Hildegard Reese
Etta May Schweis
Caroline Eustis Seely
Harriet Seibert
Beatrice Clara Stegman
Kate Huntington Tiemann

Highest Final General Honors

Harriet Ruth Fox
Dorothy Browning Kirchwey
Elizabeth Nitchie
Agnes Teresa O'Donnell
Etta Adelaide Waite
Marion Weinstein

Scholarships

There are altogether forty-one scholarships and three special funds for the aid of needy and deserving students.

For a detailed statement of the values of the various scholarships, the conditions under which they are awarded, the regulations regarding

applications, and the like, the *Announcement of Barnard College* should be consulted. This may be obtained without charge upon application to the Secretary of Barnard College.

The following is a summary of the scholarships:

Competitive

(Awarded for excellence in entrance examinations)

1. *Open to all Students:*
   Trustees' Competitive Scholarship..... 1
   Jessie Kaufmann Scholarship..... 1
2. *Open to Particular Students:*
   Brooklyn Scholarships..... 12

Series of 1908–12

Lucille Pulitzer Scholarships..... 3

Non-competitive

(Awarded on the nomination of the Committee on Scholarships of the Faculty to worthy students who have passed at least one year in College.)

1. *Open to all Students:* 12 Student Scholarships: the Ella Weed Scholarship, the Veltin School Scholarship, the Jennie B. Clarkson Scholarship, the Emily James Smith Scholarship, the Anna E. Barnard Scholarship, the Brearley School Scholarship, the Eliza Taylor Chisholm Memorial Scholarship, the Graham School Scholarship, the Keller School Scholarship.

2. *Open to Particular Students:* the Mrs. Donald McLean Scholarship, the Emma Hertzog Scholarship, the Mrs. Henry Clarke Coe Scholarship.

3. *Special Funds for the Aid of Needy and Deserving Students:* the Arthur Brooks Fund, income of $5000, the Fiske Scholarship Fund, income of $5000, the George W. Smith Scholarship Fund, income of $5000.

Prizes

Kohn Mathematical Prize of $50	Adelaide Loehrsen
Herman Botanical Prize of $50	
Prize divided	Eleanor Mandeville Doty Louise Nyitray
Flarsheim Prize of $50	Margaret Tower Hart
Honorable Mention:	Kate Huntington Tiemann
Jennie A. Gerard Medal	Gertrude Laura Hunter

Detailed statements about the conditions governing the award of prizes will be found in the current edition of the *Barnard College*

Announcement, which can be obtained without charge of the Secretary of Barnard College.

Teachers College

Fellowships and Scholarships

Fellows for 1910–11

Walter Albert Jessup — Abby Porter Leland

Honorable Fellow

Cornelius William Prettyman

Teaching Fellow

Cecil Fairfield Lavell

Research Scholars

Ernest Burnham
Walter John Gifford
Ervin Eugene Lewis
Edward Hartman Reisner
Lester Burton Rogers
Jesse Brundage Sears
William Everett Stark
Mary Elizabeth Urch

Graduate Scholars

Carolyn Louise Francis
William W. Kemp
Alva Otis Neal
Louis W. Rapeer
Grace Elizabeth Riblet
Elise Timberlake
James Madison Wood

Undergraduate Scholars

Tileston Scholar — Julia Gertrude Smith
Pierrepont Scholar — Raleigh Weintrob
Pond Scholar — Eleanor Grace Stewart
Charlotte Louisa Williams Scholar — Elizabeth Johnson
Earl Scholar — Clarence Garfield Cooper
Army and Navy Scholar — Mary Jay Eldridge
Hoadley Scholar — Jeannette Ormel Sherwood

Jenkins Scholars

Ethelwyn Coventry Bradish
Minnie Lee Davis
Grace Alice Day
Louise Dietz
Mary C. Haarer
Emma L. Maynard
Walter William Pettit
Helen Pittman
Frances Minerva Smith

Isabel Hampton Robb Scholars

Mary A. Smeeton — Mary S. Rundle

Runyan Scholar

HELEN FAVILLE TOPPING

Brown Scholar

OLEANDER JOHNSON

Delta Sigma Scholar

MRS. ROSA K. WITTER

Livingston Scholars

DOROTHY EATON
CHEN TSAI HSIN
R. S. NISHIMURA
R. S. RACOUBIAN
KANE UMEZAWA

HOUSEHOLD ARTS SCHOLARS

Caroline Scholar

ANNA EURETTA RICHARDSON

Graduate Scholars

ROSE ADÈLE BAIRD
GRACE GOLDEN DENNY

Scholars

EDITH BLACKMAN
EMMA LUCENA CHILDS
BESS M. CRISMAN
MARTHA ST. JOHN EAKINS
CLARINDA CHAPMAN RICHARDS
CHARLOTTE A. WAITE

College of Pharmacy

Prizes

Max J. Breitenbach Prize

A cash prize of $200 is presented annually by Mr. Max J. Breitenbach for the highest proficiency in the Senior University Course.

Award in 1910

WALTER REGNAULT

Kappa Psi Gold Medal
WALTER REGNAULT

Faculty Graduate Prize
JOHN ALFRED STEFFENS

ALUMNI COUNCIL

In order to afford the alumni direct and responsible representation upon the Board of Trustees of the University, six of its members may be nominated, subject to certain conditions, by the alumni. The trustees elected upon such nomination are styled "alumni trustees," the two now in office being Benjamin Bowden Lawrence, '78 S, and William Fellowes Morgan, '80, '84 S. Five general and fifteen local associations sent delegates to the meeting called for the nomination of the second alumni trustee.—The Alumni Council serves as a clearing house for all alumni activities, and is closely associated with the committees on appointment and employment.

ALUMNI ORGANIZATIONS

General

Alumni Council.—J. Howard Van Amringe, '60, chairman Rudolf Tombo, Jr., '98 A.M., secretary, Columbia University.

Society of the Early Eighties.—James Duane Livingston, '80, president; Girard Romaine, '82, secretary, 68 Broad Street.

Society of the Older Graduates.—J. Howard Van Amringe, '60, president; William de L. Benedict, '74 S, secretary, 43 Cedar Street.

Society of the Upper Eighties.—Charles H. Mapes, '85, '89 S, president; Edward L. Dodge, '88, secretary, 32 Nassau Street.

Columbia College.—William Curtis Demorest, '81, president; Ernest Stauffen, Jr., 1904, secretary, 2 Wall Street.

School of Medicine.—Walter Mendelson, '79 M, president; Henry E. Hale, Jr., '96 M, secretary, 752 West End Avenue.

School of Law.—George L. Ingraham, '69 L, president; J. Boyce Smith, Jr., '01, '04 L, Secretary, 115 Broadway.

Schools of Mines, Engineering, and Chemistry.—Arthur S. Dwight, '85 S, president; Ralph E. Mayer, '79 S, secretary, Columbia University.

School of Fine Arts.—Henry Hornbostel, '91 Arch., president; E. L. Satterlee, '00 Arch., secretary, 1123 Broadway.

Doctors of Philosophy.—George A. Soper, '99 Ph.D., president; Rudolf Tombo, Jr., 1901 Ph.D., secretary, Columbia University.

Barnard College.—Mrs. R. S. Woodward, Jr., 1901, president; Elizabeth Carpenter Roberts, 1901, secretary, 189 Madison Avenue, Flushing, L. I.

Teachers College.—C. W. Stone, '04 T. C., president; Laura Whittemore, 1900 T. C., secretary, Teachers College, Columbia University.

College of Pharmacy.—Hieronimus A. Herold, '94 Phar., president; Curt P. Wimmer, 1902 Phar., secretary, 115 W. 68th St.

Local

California Association.—Frank B. Carpenter, '83 M, president; John C. Spencer, '82, '85 M, secretary, Butler Building, San Francisco, Cal.

China Association.—Dr. F. L. Hawks-Pott, '83, president; F. E. Hinckley, 1905 Ph.D., secretary and treasurer, Clerk, United States Court for China, Shanghai, China.

Colorado Association.—S. Fosdick Jones, '02 M, president; Roger W. Toll, 1906 S, secretary and treasurer, 1665 Sherman Street, Denver, Colo.

Columbia (Missouri) Association.—Isidor Loeb, 1901 Ph.D., president; E. W. Hinton, '91 L, secretary, Columbia, Mo.

Connecticut Association.—Rev. N. Ellsworth Cornwall, '62, president; John D. Irving, '96, secretary, Yale University, New Haven, Conn.

Cuba.—Dr. Aristides Agramonte, '92 M, president; Dr. Pedro Villoldo, '05 M., secretary, Peña Pobro 20, Havana, Cuba.

District of Columbia Association.—Marcus Benjamin, '78 S, president; George O. Totten, Jr., '91 Arch., secretary, 808–17th Street, N. W., Washington, D. C.

Illinois Association.—Henry L. Hollis, '85 S, president; Channing Rust Toy, '04, secretary and treasurer, 150 Michigan Boulevard, Chicago, Ill.

Indiana Association.—Josef Anton Scherrer, '02 F. A., president; Daniel W. Layman, '98 M, secretary, Newton Claypool Building, Indianapolis, Ind.

Japan.—Prof. Naokichi Matsui, '78 S, president; Rev. Kentok Hori, '07 A. M., secretary, College of Literature, Imperial University of Tokio, Tokio, Japan.

Kansas City Association.—John C. Meredith, '86 L, president; David M. Proctor, 1905 L, secretary, 431 Scarritt Building, Kansas City, Mo.

Kentucky Association.—George G. Briggs, '88 L, president; F. A. Busse, 1903 S, secretary, 800 Third Street, Louisville, Ky.

Louisiana Association.—Ralph J. Schwarz, 1905 L, president; Leslie Brewer Smith, 1905, secretary and treasurer, 6024 Hurst Street, New Orleans, La.

Madison (Wisconsin) Association.—John L. Kind, 1906 Ph.D., president; C. W. Stoddart, 1900, secretary, University of Wisconsin, Madison, Wis.

Mexico.—Victor M. Braschi, '81 S, president; Gustavo Lobo, '98 S, secretary, care Victor M. Braschi & Co., Mexico City, Mexico.

Michigan Association.—E. Taylor Tappey, '79 M, president; Theodore A. McGraw, Jr., 1902 M, secretary, 73 Cass Street, Detroit, Mich.

Minnesota Association.—N. M. Cross, '86 L, president; Prof. Norman Wilde, '89, secretary and treasurer, University of Minnesota, Minneapolis, Minn.

Nashville Association.—Paul F. Eve, '80 M, president; Eugene Tavenner, 1901, secretary, Peabody College, Nashville, Tenn.

Nebraska Association.—Harley G. Moorhead, 1902 L, president; Dr. C. W. Pollard, '99 M, secretary, Paxton Block, Omaha, Neb.

New England Association.—Frederick R. Kneeland, '99 S, president; Franklin S. Hoyt, 1905 A.M., secretary and treasurer, care Houghton, Mifflin & Co., 4 Park Street, Boston, Mass.

New Jersey Association.—Schuyler Skaats Wheeler, '83, president; Arthur F. Egner, 1903, secretary, Prudential Building, Newark, N. J.

New York (Northern) Association.—Walter I. Slichter, '96 S., president; E. Stagg Whitin, '05, secretary, University Club, Albany, N. Y.

New York (Western) Association.—Eugene L. Falk, '87 L, president; E. Lyman Tilden, 1902 L, secretary, Mutual Life Building, Buffalo, N. Y.

North Carolina Association.—Charles L. Raper, 1902 Ph.D., president, Chapel Hill, N. C.; Henry J. Highsmith, T.C., secretary and treasurer, Wake Forest College, Wake Forest, N. C.

Ohio (Northern) Association (Cleveland).—H. G. Sherman, '80 M, president; R. H. Johnston, '02, secretary and treasurer, 842 East 79th Street, Cleveland, Ohio.

Ohio (Central) Association (Columbus).—Organization informal. Address Professor F. P. Graves, Ohio State University, Columbus, O.

Paris Association.—Rev. John B. Morgan, '64, president; Charles F. Beach, Jr., '81 L, secretary, 95 rue des Petits-Champs, Paris, France.

Pennsylvania (Northeastern) Association.—J. Maxwell Carrere, '83 S, president; Clarence D. Shrady, '95 S, secretary, Allentown, Pa.

Pennsylvania (Philadelphia) Association.—Lemuel Whitaker, '81, Southern High School, Philadelphia, Pa., president; Stanley Kidder Wilson, 1902, secretary-treasurer, Swarthmore, Pa.

Pennsylvania (Pittsburgh) Association.—Dr. Richard B. Faulkner, '75 M, president; Forrest A. De Graff, '06 T. C., secretary, Allegheny Preparatory School, Allegheny, Pa.

St. Louis Association.—Hon. Julius S. Walsh, '64 L, president; William E. Baird, '02 L, secretary and treasurer, Law Dept., City Hall, St. Louis, Mo.

Virginia Association.—M. A. Martin, 1905 A.M., president, Woman's College, Richmond, Va.; Jackson Davis, 1908 A.M., secretary and treasurer, Board of Examiners, Petersburg, Va.

Washington Association.—Oliver H. P. La Farge, '91 Arch., president; Guy S. Peterkin, '95 M, secretary, Alaska Building, Seattle, Wash.

Wisconsin Association.—Alfred W. Gray, '99 M, president; H. W. Buemming, '95 Arch., secretary, 521 Jackson Street, Milwaukee, Wisconsin.

Yonkers Association.—Thomas Ewing, Jr., '85, president; James F. Prince, '08, secretary, 87 N. Broadway, Yonkers, N. Y.

UNIVERSITY PUBLICATIONS

I. Official Publications of Columbia University

Unless otherwise stated, all the publications named below are distributed without charge upon application to the Secretary of Columbia University.

Annual Catalogue: See Table of Contents, pages iii–x. Issued each December. Price 25 cents.

Annual Reports of the President and the Treasurer to the Trustees: issued each November.

Directory of Officers and Students: issued each year soon after the opening of the University; contains the names, office hours, and addresses of the officers of the University, and the names and addresses of the students registered up to the time of publication.

General Catalogue of the Alumni: issued sextennially; contains the names and addresses of all graduates of the University. The current edition is that of 1906. Price, $2.00. For sale at the University Press Bookstore and in the office of the Registrar.

Announcements of the various parts of the work of the University are issued in the spring of each year and contain detailed information concerning admission, expenses, courses of instruction to be given during the coming year, and requirements for degrees. They include:

Columbia College, for the work for men leading to the degree of Bachelor of Arts.

School of Law, for the work leading to the degree of Bachelor of Laws.

College of Physicians and Surgeons, for the work leading to the degree of Doctor of Medicine.

Schools of Mines, Engineering, and Chemistry, courses in Mining and Metallurgy, in Chemistry, and in Civil, Electrical, and Mechanical Engineering.

Faculties of Political Science, Philosophy, and Pure Science, for all non-professional advanced work leading to the degrees of Master of Arts and Doctor of Philosophy.

Faculty of Fine Arts, including courses given in the School of Architecture, the School of Music, the School of Design, and in the Departments of Fine Arts and Music in Teachers College, and courses in allied subjects.

Yale-Columbia Courses in Foreign Service.

Extension Teaching, Residence Halls, Summer Session.

Summer Courses in Medicine.

Circular of Information as to Entrance Examinations and Admission.

Circular of General Information. Views of the University buildings.

Student Organizations, Athletic and Other, under the supervision of the Comptroller of Student Organizations.

Announcements of the several divisions of the University are issued in the spring, and contain full information concerning the work of the coming year, or years, in those divisions. These circulars are devoted to Ancient and Oriental Languages; Biology; Geology, Geography, and Mineralogy; History, Economics, and Public Law; Mathematical and Physical Science; Modern Languages and Literatures; Physical Education; Philosophy, Psychology, and Anthropology.

Publications of Barnard College:

Announcement of Barnard College: contains full information concerning admission, expenses, courses of instruction, and requirements for the degree of Bachelor of Arts.

Report of the Dean: issued yearly.

These publications are distributed without charge upon application to the Secretary of Barnard College.

Publications of Teachers College:

Announcement of Teachers College: issued annually; contains full information concerning the organization, equipment, and work of this institution, the Department of Education of Columbia University.

Report of the Dean: issued each November.

Special Circulars describing the work of the departments of:

Educational Psychology, History and Philosophy of Education, Educational Administration, Secondary Education, Elementary Education, Physical Education, Kindergarten, Domestic Art, Domestic Science, Fine Arts, Manual Training, Music, and of other departments.

These may be obtained without charge upon application to the Secretary of Teachers College.

Special **Announcement of Extension Teaching, and Syllabi of Extension Courses,** a list of which may be had by addressing the Director of Extension Teaching, Teachers College.

Circular of the Horace Mann School; a school fully equipped with kindergarten, elementary, and secondary classes, maintained by Teachers College as a school of observation.

This circular may be obtained without charge upon application to the Superintendent of the Horace Mann School.

Publications of the College of Pharmacy:

Announcement of the College of Pharmacy: issued annually; contains full information concerning the organization, equipment, and work of this institution.

A University Bibliography containing a list of publications, contributions, and serial studies from the University, a list of publications of the officers for the year 1910, and a list of journals issued under the editorial direction of the officers, will be published in January, 1911.

II. The Columbia University Press

The Columbia University Press was organized with the approval of the Trustees of Columbia College and was incorporated June 8, 1893, for the purpose of promoting the publication of works embodying the results of original research. The Press is a private corporation, related directly to Columbia University by the provisions that its Trustees must always be officers of the University, and that the President of the University shall be the President of the Press.

Trustees

THE PRESIDENT OF THE UNIVERSITY (*ex-officio*)
WILLIAM H. CARPENTER, *Secretary*
JOHN B. PINE, *Treasurer*

Professors MATTHEWS, GIDDINGS, WILSON, HOWE, LEE, and A. H. THORNDIKE, and Mr. JOHNSTON.

III. Alumni and Student Publications at Columbia University

The Barnard Bulletin.—1901; four pages, weekly; Barnard College news; per copy, 5c.; per year, $1.50.

The Columbia Alumni News.—1909; twelve pages, weekly; except June, July, August, and September, when it is published monthly; Alumni, University, and faculty news; per copy, 10c.; per year, $2.00. Robert Arrowsmith, '81, editor; R. A. Meyers, '02, business editor.

The Columbia Bluebook.—1900; a small handbook, containing information in regard to every form of student activity at Columbia and an engagement calendar; published by the Christian Association and distributed free to all new students in the University each year; editor for 1909–1910 R. C. Ingalls, 1911 C.

The Columbia Jester.—1901; an illustrated comic paper, monthly during the college year; averages ten pages of reading matter with illustrations, cartoon, and a cover; per copy, 15c.; per year, $1.00 (by mail, $1.20).

The Columbia Law Review.—1901; legal articles and book reviews by writers of recognized authority, and comment upon recent cases by the editors; edited by a board of about sixteen students of the School of Law; monthly, November to June; (70 pp.); per copy, 30c.; per year, $2.00.

The Columbia Monthly.—Founded in 1903, by the combination of the *Columbia Literary Monthly* (1893) and *Morningside* (1896); an illustrated magazine; articles on Columbia University, of historical and of immediate interest, stories, verse, essays, editorials, and book reviews; monthly, November to June; per year, $1.00.

The Columbia University Quarterly.—1899; a magazine of general University information; quarterly; averages one hundred pages; per copy, 25c.; per year, $1.00; R. Tombo, Jr., managing editor.

The Columbian.—The annual; a bound illustrated volume, containing statistics of athletics, fraternity membership, class achievements, and other information concerning student life; published by third-year men, six elected from Columbia College and six from the Schools of Applied Science. Volume XX was published by the class of 1910.

The Columbia Spectator.—1877; published daily, except Sunday, edited by a managing board of five, assisted by a board of six editors and from twelve to twenty-five associate editors; per copy, 3c.; per year, $3.50.

The Mortarboard.—1897; an annual corresponding to the *Columbian* but more literary in character, including, besides the history of the junior class, poems, stories, sketches, etc.; published by a board of about eight third-year students of Barnard College; price, $1.00.

The School of Mines Quarterly.—Published quarterly in the interest of the School of Mines; per copy, 25c.; per year, $1.00.

The Senior Class-Book.—A book privately printed by the graduating class of Columbia College, through an editorial board, and distributed on class-day. Revived by the class of 1899, it has been continued by the succeeding classes; includes pictures and autobiographies of the members, letters from the faculty, and the class-day speeches.

The Teachers College Bulletin.—1901; four pages, weekly; Teachers College news; per copy, 5c.; per year, $1.00 (by mail, $1.50).

Year-Book of the Columbia University School of Architecture.—1904; architectural annual, published by the Architectural Society, showing work in the departments of design and drawing.

SPECIAL FUNDS

The following funds have been given to the Trustees from time to time and are held by them for the purposes specified:

GEBHARD FUND:

Bequest of Frederick Gebhard of $20,000, for the endowment of a professorship in the German Language and Literature. 1843

FUND OF THE SOCIETY FOR PROMOTING RELIGION AND LEARNING:

Gift (through Professor McVickar) of $1000, for the endowment of two prizes, "The Society's Greek Seminary Prize," and "The Society's English Seminary Prize." 1852

HARSEN PRIZE FUND:

Bequest of Jacob Harsen, M.D., Class of 1825, of $31,114.10, for the endowment of prizes to be awarded to students in the College of Physicians and Surgeons. 1859

MOFFAT SCHOLARSHIP FUND:

Bequest of William B. Moffat, M.D., Class of 1838, of $2000, for the endowment of scholarships. 1862

STEVENS PRIZE FUND :

Gift of Dr. A. H. Stevens, Professor of Surgery, 1860–1867, of $1899.88, for the endowment of a prize. 1866

JOSEPH MATHER SMITH PRIZE FUND :

Subscription fund of $2337.81, as a memorial of Dr. Smith, for the endowment of a prize in the College of Physicians and Surgeons. 1874

CHANLER PRIZE FUND:

Bequest of John Winthrop Chanler, Class of 1847, of $1000, for the endowment of an essay prize. 1877

SCHERMERHORN SCHOLARSHIP FUND:

Bequest of John Jones Schermerhorn, Class of 1825, of $5000, for the endowment of scholarships. 1877

TYNDALL FELLOWSHIP FUND:

Gift of John Tyndall, LL.D., Professor of Natural History in the Royal Institution of Great Britain, of $10,945.50, for the endowment of a fellowship in Physics. 1885

ALONZO CLARK SCHOLARSHIP FUND:

Gift of $14,000 as a memorial of Alonzo Clark, President of the College of Physicians and Surgeons, 1875–1884, for the endowment of a scholarship. 1887

MCKIM FUND:

Gift of Charles F. McKim of $20,000, for the endowment of travelling fellowships in Architecture. 1889

COLUMBIA FELLOWSHIP IN ARCHITECTURE FUND:

Gift of F. Augustus Schermerhorn, Class of 1868, of $13,000, to the School of Architecture, applied to the endowment of a travelling fellowship in Architecture. 1889

BARNARD FUND FOR THE INCREASE OF THE LIBRARY:

Bequest by President Barnard of $59,501.64, and augmented by a bequest by his widow, Margaret M. Barnard, of $16,231.67, to endow a fund for the purchase of books, especially those relating to physical or astronomical science, and for the award of a medal for discovery in Physics or Astronomy. 1889 and 1902

BARNARD FELLOWSHIP FUND:

Bequest by President Barnard of $10,000, for the endowment of a fellowship for encouraging scientific research. 1889

DACOSTA FUND:

Bequest of Charles M. DaCosta, Class of 1855, Trustee 1886–1890, of $100,000, has provided $86,576.83, applied to the endowment of the DaCosta Professorship of Zoölogy; and of $20,000 used for fitting up the DaCosta Laboratory of Zoölogy. 1890

SLOANE MATERNITY HOSPITAL FUND:

Gift of William D. Sloane and Emily Thorn Vanderbilt Sloane, of $475,000, for the endowment of the Hospital. 1890 } 1904 }

VANDERBILT CLINIC ENDOWMENT FUND:

Gift of Cornelius Vanderbilt, William K. Vanderbilt, Frederick W. Vanderbilt, and George W. Vanderbilt, of $115,000, for the endowment of the Clinic. 1890

AVERY ARCHITECTURAL FUND:

Gift of Samuel P. Avery and Mary Ogden Avery of $30,000, in memory of their deceased son, Henry Ogden Avery. The income to be applied to the purchase of books relating to architecture, decorations, and allied arts. 1890

LOUBAT FUND:

Gift of Joseph F. Loubat of $7000, for the endowment of two prizes of $1000 and $400 to be awarded once in every five years. See page 447. 1892

TROWBRIDGE FUND:

Gift of $10,000, for the endowment of a fellowship in Engineering as a memorial of William P. Trowbridge Ph.D., LL.D., Professor of Mining Engineering, 1877–1892,[1] subject at present to a life interest. 1893

PULITZER SCHOLARSHIP FUND:

Gift of Joseph Pulitzer of $100,000, for the endowment of scholarships. One half of the sum to be used on improvements on the new site at 116th Street. 1893

BENNETT PRIZE FUND:

Gift of James Gordon Bennett of $1000 for the endowment of an essay prize. 1893

HENRY DRISLER CLASSICAL FUND:

Gift of $10,000, presented by Seth Low, LL.D., Class of 1870, in commemoration of the semi-centennial of Professor Drisler in the service of the College, for the endowment of a fund for the purchase of books and works of art for the Greek and Latin departments. 1894

GRANT SQUIRES FUND:

Gift of Grant Squires, Class of 1885, of $1050, for the endowment of an essay prize. 1895

STUART SCHOLARSHIP FUND:

Gift of Mrs. Cornelia A. Atwill of $6000, for the endowment of the "Stuart Scholarships" in memory of her grandsons, Sidney Barculo Stuart, Class of 1880, and Eugene Talman Stuart, Class of 1881. 1896

ALEXANDER I. COTHEAL FUND FOR THE INCREASE OF THE LIBRARY:

Gift of Mrs. Samuel R. Lawrence and Mrs. James R. Swords of $6000, in memory of their brother, Alexander I. Cotheal, for the endowment of a fund for the purchase of books in the Oriental languages, or relating to Oriental subjects. 1896

ROBERT CENTER FUND FOR INSTRUCTION IN MUSIC:

Gift of Mrs. Mary Elizabeth Ludlow of real estate and securities valued at $178,046.50, for the endowment of a fund for instruction in music as a memorial of her son, Robert Center, applied to the maintenance of a professorship. 1896

STUDENTS' LOAN FUND:

Gift of Jacob H. Schiff of $5000, for the aid of needy students. 1896

H. C. BUNNER PRIZE FUND:

Gift of $1000, for the endowment of an essay prize. 1896

[1] Income paid to Mrs. Trowbridge during pleasure of Trustees.

ILLIG FUND:

Bequest of William C. Illig, Class of 1882 (S. of M.), of $2000, for the endowment of scholarship medals. 1897

MOSENTHAL FELLOWSHIP FUND:

Gift of friends of the late Joseph Mosenthal of $7500, to found a fellowship in Music. 1898

PERKINS FELLOWSHIP FUND:

Bequest of Willard B. Perkins of $5700, for a travelling fellowship in Architecture, awarded quadrennially. 1898

SCHIFF FELLOWSHIP FUND:

Gift of Jacob H. Schiff of $15,000, to found a fellowship to be awarded by the Faculty of Political Science on the nomination of the donor or his eldest living male descendant. 1898

SEIDL FUND:

The proceeds, amounting to $12,000, of a memorial performance (March 23, 1899), in honor of the late Anton Seidl. The income to be paid to Mrs. Seidl during her lifetime, and thereafter "to be applied to a Fellowship in Music in Columbia University." 1899

WARING MUNICIPAL FUND:

The Chamber of Commerce of the State of New York, in 1898, raised by public subscription the sum of $100,000, to perpetuate the memory of the late Col. George E. Waring. The income thereof to be paid to the widow and daughter of Colonel Waring during their lifetime, and thereafter to be devoted to instruction in municipal affairs. 1899

FUND FOR THE ENDOWMENT OF THE ABRAHAM JACOBI WARD FOR CHILDREN IN ROOSEVELT HOSPITAL:

Gift of an anonymous donor of $50,000, "to endow a ward for children in the Roosevelt Hospital." 1899

BECK FUNDS:

The late Charles Bathgate Beck, A.B. Class of 1877, LL.B. Class of 1879 (who died in 1894), bequeathed the sum of $10,000: $2000 to found one scholarship in Columbia College; $8000 to endow a prize in the Law School. 1899

CURTIS FUND:

Gift of the George William Curtis Memorial Committee of $10,000, to establish the George William Curtis Fellowship in the School of Political Science. 1899

DYCKMAN FUND:

Gift of Isaac Michael Dyckman of $10,000, in memory of his uncles, Dr. Jacob Dyckman and Dr. James Dyckman, both of the College of Physicians and Surgeons, to establish the "Dyckman Fund for the Encouragement of Biological Research." 1899

ALEXANDER MONCRIEF PROUDFIT FELLOWSHIP FUND:

Legacy of $15,000 from the late Alexander Moncrief Proudfit, to found the Alexander Moncrief Proudfit Fellowship in Letters. 1899

MARIA MCLEAN PROUDFIT FELLOWSHIP FUND, SCHOOL OF MEDICINE:

Legacy of $15,000 from the late Alexander Moncrief Proudfit, to found the Maria McLean Proudfit Fellowship in Medicine. 1899

TRUST FUND FOR PSYCHOLOGY:

Gift of $100,000 from John D. Rockefeller, as an endowment of the head professorship of the Psychological Department of Columbia University. 1899

CARL SCHURZ FELLOWSHIP FUND:

Fund of $10,000 from the Carl Schurz Fund Committee, to establish a fellowship in honor of Carl Schurz. 1900

CARL SCHURZ LIBRARY FUND:

Fund of $10,000 from the Carl Schurz Fund Committee, established in honor of Carl Schurz, the income to strengthen the Library in the field of the German Language and Literature. 1900

LAW BOOK TRUST FUND:

Created by act of the Trustees on March 5, 1900, by the consolidation of the Alexander Cole Gift ($1500); John Jay Jenkins Legacy ($500); John McKeon Fund ($1000); Sampson Simpson Fund ($1000); and the Edgar J. Nathan Gift ($250); total, $4250, the income to be applied to the purchase of law books; and by act of the Finance Committee, October 2, 1907, by adding the Payne Law Gift ($1000). 1900

CAMPBELL SCHOLARSHIP FUND:

Gifts of $3000 each from Miss Maria L. Campbell and Miss Catharine B. Campbell, for the establishment of two scholarships in the College, in memory of Robert B. Campbell of the Class of 1844, and Henry P. Campbell of the Class of 1847. 1900

GERMAN LECTURE FUND:

Gifts to the sum of $1000 for an endowment of Public Lectures in German at the University. 1901

EATON PROFESSORSHIP FUND:

Bequest of the late Dorman B. Eaton of $100,000, to endow and maintain a Professorship of Administrative Law and Municipal Science. 1901

DEAN LUNG PROFESSORSHIP IN CHINESE FUND:

Gift of anonymous friends of $213,000, towards the founding of a Department of Chinese Languages, Literatures, Religion, and Law, and especially for the establishment of the Dean Lung Professorship of Chinese. 1901

CLASS OF 1848 SCHOLARSHIP FUND:

Gift of $10,000 of an anonymous friend to found two scholarships in the College. 1902

GEORGE WILLIAM CURTIS MEDALS FUND:

Gift of $1000 from an associate of George William Curtis in the Civil Service Reform work to establish this fund. 1902

PHILOLEXIAN CENTENNIAL WASHINGTON PRIZE FUND:

Gift of $1000 to the Philolexian Society from J. Ackerman Coles, Class of 1864. The accumulated interest is to be expended every four years for a duplicate of the life-size bronze bust of George Washington, modelled from life at Mount Vernon, by Jean Antoine Houdon, to be cast at the Barbedienne Foundry, Paris, France. The bust will be given to that member of the Philolexian Society who, in the opinion of the President of the University, the President of the Society, and a third man of their choosing, shall be deemed most worthy, upon his delivery of an original patriotic address. 1902

PHŒNIX LEGACY:

Amounting at present to $178,597.08, being on account of one-third part of the residuary estate of the late Stephen Whitney Phœnix, bequeathed to Columbia College in 1881. 1902

JULIUS BEER LECTURE FUND:

Legacy of the late Julius Beer of $10,000 to establish this fund. 1903

JAMES S. CARPENTIER FUND:

Gift of $125,000 from General Horace W. Carpentier of the Class of 1848, in memory of his brother, James S. Carpentier, for the benefit of the Law School. 1903

GUSTAV GOTTHEIL FELLOWSHIP FUND:

Gift of $10,000 from Temple Emanu-El to establish a fellowship, the holder to be nominated by the Professors in the Semitic Languages. 1903

Loubat Professorship Fund:
Gift of $100,000 from Joseph F. Loubat to establish the Loubat Professorship in American Archæology. 1903

Richard Butler Scholarship Fund:
Gift of $5000 from Mrs. Richard Butler in memory of her deceased husband, Richard Butler, open to students born in the State of Ohio. 1903

Darling Prize Fund:
Bequest of the late Edward A. Darling, formerly Superintendent of Buildings and Grounds, of $1000 to endow an annual prize in the School of Engineering. 1903

Joseph Pulitzer Fund for School of Journalism:
Gift of $1,000,000 from Joseph Pulitzer to establish and endow a School of Journalism in Columbia University. 1903

R. S. Carpentier Fund:
Gift of $100,000 from H. W. Carpentier, '48, towards a professorship in the Medical School, in memory of Reuben S. Carpentier. 1904

Cornelius Heeney Gottsberger Scholarship Fund:
Bequest of Ellen Josephine Banker of $9500 to establish a scholarship in memory of her deceased brother, Cornelius Heeney Gottsberger. 1904

Philolexian Prize Fund:
Fund of $1326.80 from the Philolexian Society, the income to be paid to the Society for prizes. 1904

Toppan Prize Fund:
Gift of $4000 from Mrs. Sarah M. Toppan to endow, in memory of her late husband, Robert Noxon Toppan, a prize in the School of Law. 1904

Ernest Kempton Adams Fund for Physical Research:
Gift of $50,000 from Edward D. Adams, in memory of his son, the late Ernest Kempton Adams, E.E., 1897; A.M., 1898. 1904

Garth Memorial Fund:
Gift of $16,250 from Horace E. Garth to establish a fellowship in Political Economy in memory of his son, the late Granville W. Garth. 1904

Guy B. Miller Fund:
Bequest of the late Guy B. Miller of $10,000, of the Class of 1898, College of Physicians and Surgeons, for general purposes of the Medical School. 1904

SCHIFF PROFESSORSHIP FUND:
Gift of $100,000 from Jacob H. Schiff for the endowment of a Professorship of Social Economy in order to make possible a close affiliation between Columbia University and the New York School of Philanthropy. 1905

THEODORE ROOSEVELT PROFESSORSHIP FUND:
Gift of James Speyer of $50,000 for the endowment of a professorship of American History and Institutions in the University of Berlin. 1905

MATHEMATICAL PRIZE FUND:
Gift of Mrs. Louis T. Hoyt of $5000, in memory of her nephew, John Dash Van Buren, Jr. 1906

E. B. CONVERS PRIZE FUND:
Gift of Miss Alice and Miss Clara B. Convers of $1000, in memory of their brother, Ebenezer Buckingham Convers, LL.B., 1866, to endow a prize in the Law School. 1906

E. R. CARPENTIER FUND:
Gift of Mrs. Maria H. Williamson of $150,000 for the endowment of a professorship or an endowed lectureship on the Origin and Growth of Civilizations among Men. 1906

BLUMENTHAL FUND:
Gift of George Blumenthal of $100,075 for the endowment of a Chair of Politics. 1906

HENRY BERGH FUND:
Anonymous gift of $100,000, the income to be used for the inculcating of a spirit of kindness and consideration toward the lower animals. 1907

EARLE PRIZE FUND:
Gift of $907.87 from the Earle Memorial Committee to establish the Earle Prize in classics. 1907

GEORGE G. WHEELOCK FUND:
Gift of $5000 from Mrs. George G. Wheelock and William A. Wheelock to establish, in memory of the late Dr. George G. Wheelock, the George G. Wheelock Fund, the income to be used for the needs of the Department of Physiology. 1907

INDO-IRANIAN FUND:
Anonymous gift of $15,000, the income to be used for the maintenance of the Department of Indo-Iranian Languages. 1908

Nathaniel Currier Fund:

Legacy of $50,000, from Laura Currier, to establish the Nathaniel Currier Fund for the purchase of books for the Library. 1908

Reverend Orlando Harriman Fund:

Gift of $100,000, from the children of the late Reverend Orlando Harriman, of the Class of 1835, as a memorial to their father, the income, until further action by the Trustees, to be applied to the salary of the Professor of Rhetoric and English. 1908

William Mitchell Fellowship Fund:

Legacy of $10,000 from the late Benjamin D. Silliman to establish, in honor and memory of his friend William Mitchell, deceased, the William Mitchell Fellowship Fund in Letters or Science. 1908

William Brock Shoemaker Fund:

Gift of $10,000 from Ella de Peyster Shoemaker and Henry I. Shoemaker, to establish a fund in memory of William Brock Shoemaker, of the Class of 1902, for the aid of self-supporting students. 1908

D. Willis James Fund:

Legacy of $100,000, from the late D. Willis James, to be devoted to the Chair of Geology. 1908

Special Research Fund:

Gift of $50,000, from an anonymous donor to constitute a Special Research Fund for the purpose of investigating the subject of cancer. 1908

Samuel Anthony Goldschmidt Fellowship Fund:

Gift of $16,250, from George B. Goldschmidt to establish and endow the Samuel Anthony Goldschmidt Fellowship in Chemistry, in memory of Samuel Anthony Goldschmidt, of the Class of 1868. 1908

John Ordronaux Prize Fund:

Legacy of $3000, from the late John Ordronaux, Professor of Medical Jurisprudence 1860–1897, and Emeritus Professor 1898–1908, to establish prizes in the Law School. 1908

George Blumenthal, Jr., Scholarship Fund:

Gift of $13,000 from Mr. and Mrs. George Blumenthal to establish a fund for the cost of tuition of students of Medicine or for other purposes. 1909

COLUMBIA HUDSON FULTON PRIZE FUND:

Gift of $1000 from the representatives of the various committees having charge of the reception given on the University grounds in October, 1909, under the auspices of the Hudson Fulton Celebration Commission, the income to be used for an annual prize or prizes to be known as the Columbia Hudson Fulton Prize, or Prizes, for an athletic event. 1909

CHARLES M. ROLKER, JR., PRIZE FUND:

Gift of $1000 from Mrs. Charles M. Rolker, the annual income to constitute a prize to be publicly awarded on Class Day of each year to that member of the graduate class in Columbia College who, in the judgment of his classmates, has proven himself most worthy of special distinction as an undergraduate student, as a scholar, or because of his helpful participation in student activities, or because of his pre-eminence in athletic sports. 1909

CLASS OF 1885, SCHOOL OF MINES, FUND:

Gift of $7000 of the Class of 1885, School of Mines, in celebration of its twenty-fifth anniversary of their graduation, the income to be applied to the maintenance of a scholarship in the Schools of Applied Science. 1910

JOHN STEWART KENNEDY ENDOWMENT FUND:

The legacy of $1,000,000 from the late John Stewart Kennedy, a Trustee of Columbia College 1903–1909. 1910

DR. ABRAHAM DUBOIS MEMORIAL FUND:

Gift of $10,000 from William A. DuBois, Matthew B. DuBois, and Katherine DuBois, the income to be applied to the maintenance of a fellowship to be known as the "Dr. Abraham DuBois Fellowship," to be open to a graduate of the College of Physicians and Surgeons devoting himself to the subject of the diseases. 1910

ACADEMIC CALENDAR

1910—Sept. 28—Wednesday—First half-year, 157th year, begins. Registration ceases for students matriculating for the first time except under the Faculties of Political Science, Philosophy, and Pure Science. Later applications received only on payment of an additional fee of $5. Fellows and Scholars to report to the Registrar.

Oct. 1—Saturday—Last day of matriculation under the Faculties of Political Science, Philosophy, and Pure Science. Later applications received only on payment of an additional fee of $5.

Oct. 18—Tuesday—Stated meeting of University Council.

Nov. 8—Tuesday—Election Day, holiday.

Nov. 24—Thursday, to Nov. 26, Saturday—inclusive, Thanksgiving holidays.

Dec. 15—Thursday—Last day for filing applications and presenting essay for the degree of Master of Arts, if the degree is to be conferred in February.

Dec. 20—Tuesday—Stated meeting of University Council.

Dec. 21—Wednesday, to

1911—Jan. 3—Tuesday—inclusive, Christmas holidays.

Jan. 25—Wednesday—Mid-year examinations begin.

Feb. 7—Tuesday—First half-year ends.

Feb. 8—Wednesday—Second half-year begins. Registration ceases for students entering the second half-year. Later applications received only on payment of an additional fee of $5. Fellows and Scholars to report to the Registrar.

Feb. 13—Monday—Alumni Day.

Feb. 21—Tuesday—Stated meeting of University Council.

Feb. 22—Wednesday—Washington's Birthday, holiday.

Mar. 1—Wednesday—Last day for filing applications for University Fellowships.

Apr. 1—Saturday—Last day for filing applications for examination for the degree of Doctor of Philosophy, if the degree is to be conferred in June.

Apr. 13—Thursday, to Apr. 17, Monday—inclusive, Easter holidays.

Apr. 15—Saturday—Last day for filing applications and presenting essay for the degree of Master of Arts if the degree is to be conferred in June.
Apr. 18—Tuesday—Stated meeting of University Council.
May 1—Monday—Last day for filing applications for University Scholarships.
May 22—Monday—Final examinations begin.
May 30—Tuesday—Memorial Day, holiday.
June 4—Sunday—Baccalaureate service.
June 5—Monday—Class Day.
June 7—Wednesday—Commencement Day.
June 14—Wednesday—Second half-year ends.
July 5—Wednesday—Twelfth Summer Session opens.
July 15—Saturday—Last day for filing applications and presenting essay for the degree of Master of Arts, if the degree is to be conferred in October.
Aug. 16—Wednesday—Twelfth Summer Session closes.
Sept. 20—Wednesday—Registration begins.
Sept. 27—Wednesday—First half-year, 158th year, begins. Registration ceases for students not previously matriculated, except under the Faculties of Political Science, Philosophy, and Pure Science. Later applications received only on payment of an additional fee of $5. Fellows and Scholars to report to the Registrar.
Sept. 30—Saturday—Registration ceases for students under the Faculties of Political Science, Philosophy, and Pure Science. Later applications received only on payment of an additional fee of $5.
Oct. 17—Tuesday—Stated meeting of University Council.
Nov. 7—Tuesday—Election Day, holiday.
Nov. 23—Thursday, to Nov. 25, Saturday—inclusive, Thanksgiving holidays.
Dec. 15—Friday—Last day for filing applications and presenting essay for the degree of Master of Arts, if the degree is to be conferred in February.
Dec. 19—Tuesday—Stated meeting of University Council.
Dec. 20—Wednesday, to
1912—Jan. 2—Tuesday—inclusive, Christmas holidays.
Jan. 24—Wednesday—Mid-year examinations begin.
Feb. 6—Tuesday—First half-year ends.
Feb. 7—Wednesday—Second half-year begins. Registration ceases for students entering second half-year. Later applications received only on payment of an additional fee of $5. Fellows and Scholars to report to the Registrar.

Feb. 12—Monday—Alumni Day.
Feb. 20—Tuesday—Stated meeting of University Council.
Feb. 22—Thursday—Washington's Birthday, holiday.
Mar. 1—Friday—Last day for filing applications for University Fellowships.
Apr. 1—Monday—Last day for filing applications for examination for the degree of Doctor of Philosophy, if the degree is to be conferred in June.
Apr. 4—Thursday, to Apr. 8, Monday—inclusive, Easter holidays.
Apr. 15—Monday—Last day for filing applications for examination and presenting essay for the degree of Master of Arts, if the degree is to be conferred in June.
Apr. 16—Tuesday—Stated meeting of University Council.
May 1—Wednesday—Last day for filing applications for University Scholarships.
May 20—Monday—Final examinations begin.
May 30—Thursday—Memorial Day, holiday.
June 2—Sunday—Baccalaureate service.
June 3—Monday—Class Day.
June 5—Wednesday—Commencement Day.
June 12—Wednesday—Second half-year ends.

SUMMARY

OFFICERS

Professors (not including 4 administrative officers of professorial rank)	185		
Associate Professors	18		
Assistant Professors	69		
Clinical Professors	16		
Associates	45		
Instructors	127		
Demonstrators	8		
Curator	1		
Lecturers and other Special Officers of Instruction	19		
Assistants	67		
Clinical Assistants	78		
University Officers of Instruction		633	
Other Instructors in Teachers College		73	
Other Instructors in College of Pharmacy		4	
			710
University Officers of Administration		28	
Other Officers of Administration, Teachers College and College of Pharmacy		7	
			35
Emeritus Officers			16
Total			761
Horace Mann School and Speyer School (*not included above*)			75

STUDENTS

Columbia College:			
Fourth-year class	100		
Third-year "	120		
Second-year "	206		
First-year "	272		
Non-matriculated	34		
			732
Carried forward			732

Brought forward		732
The School of LAW:		
Third-year class	92	
Second-year "	115	
First-year "	132	
Non-matriculated	26	
		365
The School of MEDICINE:		
Fourth-year class	71	
Third-year "	90	
Second-year "	78	
First-year "	74	
Non-matriculated	3	
		316
The Schools of MINES, ENGINEERING, AND CHEMISTRY:		
Fourth-year class	140	
Third-year "	171	
Second-year "	205	
First-year "	186	
Non-matriculated	12	
		714
FINE ARTS:		
Architecture	153	
Music	22	
		175
The Graduate Faculties of POLITICAL SCIENCE, PHILOSOPHY, and PURE SCIENCE		1177
TOTAL		3479
BARNARD COLLEGE		524
TEACHERS COLLEGE		1406
COLLEGE OF PHARMACY		283
TOTAL		5692
Deduct Double Registration		*228*
NET TOTAL OF RESIDENT STUDENTS		5464
Summer Session Students, 1910	2632	
Deduct Double Registration	*667*	
		1965
GRAND TOTAL OF RESIDENT STUDENTS		7429
Students in Extension Courses (including those registered in special classes at Teachers College)		1836

December 15, 1910.

DIRECTORY OF OFFICERS

B. = Barnard College.
East. = East Hall.
E. H. = Earl Hall.
E. = Engineering.
F. = Fayerweather.
Gym. = Gymnasium.
Hm. = Hamilton.
H. M. S. = Horace Mann School.
Hv. = Havemeyer.
K. = Kent.
L. = Library.
M. = School of Mines.
P. & S. = College of Physicians and Surgeons.
Phar. = College of Pharmacy.
S. = Schermerhorn.
S. M. H. = Sloane Maternity Hospital.
Sp. S. = Speyer School.
T. = Teachers College.
U. = University.
V. C. = Vanderbilt Clinic.
W. = West.
Hartley, Livingston, Whittier, Brooks = Residence Halls.

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Abbe, R. Assoc.		P. & S.	13 W. 50
Abbott, A. Tr.	Absent on leave	H. M. S.	
Abbott, Julia W. Instr.		T.	420 Amsterdam ave.
Abbott, N. Prof.	Tu. Th. 3–4	K.	515 W. 124
Abbott, T. J. Clin. Asst.		V. C.	113 E. 78
Adler, F. Prof.	F. 4–6	306 L.	
Agger, E. E. Instr.	M. W. 10–11	508 K.	248 E. 105
Albee, F. H. Instr.		P. & S.	125 W. 58
Aldrich, J. Clin. Asst.		V. C.	164 W. 81
Alexander, J. W. Pres. Nat'l Acad. of Design			116 E. 65
Allen, F. Tr.		H. M. S.	527 W. 124
Anderson, Mary P. Tr.		H. M. S.	2776 Decatur ave.
Andrews, B. R. Secy. Schools of Household & Industrial Arts T. C.	Daily 10–12	T.	421 W. 121
Anthony, Kate S. Tr.		H. M. S.	202 W. 78
Arendt, M. Asst. Prof.	M. W. 11–12; Tu. Th. F. 9–10; 1–2	503 E.	The Ansonia, 73 & B'way.
Arnold, W. W. Tr.		H. M. S.	500 W. 121
Astle, C. J. Clin. Asst.		V. C.	204 W. 114
Atwood, C. E. Clin. Asst.		V. C.	14 E. 60
Auchincloss, H. Instr.		P. & S.	981 Madison ave.
Ayres, H. M. Asst. Prof.	M. W. 3–4	507 F.	519 W. 121
Bach, R. F. Lect.		610 Hv.	430 W. 118
Bacon, G. Prof.		P. & S.	47 W. 54
Bacon, Georgia F. Tr.		H. M. S.	70 Irving Pl.
Bagster-Collins, E. W. Assoc. Prof.	M. 11–11:30; W. 4–4:30 Absent on leave second half-year	231 T.	
Baker, C. M. Tr.		H. M. S.	Livingston
Baker, F. T. Prof.	M. W. 9:30–10	323 T.	Park Hill, Yonkers

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Baker, G. H. Emer. Lib.			294 Manhattan ave.
Baker, Helen B. Tr.		H. M. S.	
Baker, Josephine S. Lect.			33 W. 96
Balderston, Lydia, Instr.		T.	505 W. 121
Baldt, Laura I. Asst.		T.	501 W. 123
Baldwin, Elizabeth G. Lib. Teachers College	Daily 11–12	313 T.	32 So. Parkway, E. Orange
Ballard, Anna W. Instr.		T.	120 W. 103
Ballard, C. W. Instr.		Phar.	115 W. 68
Bandelier, A. F. Lect.			521 W. 158
Barrett, F. J. Asst.		P. & S.	635 Park ave.
Barris, Elizabeth L. Instr.		T.	420 W. 119
Barrows, Anna Instr.		T.	223 E. 17
Barry, T. J. Clin. Asst.		V. C.	137 E. 49
Bartholow, P. Clin. Asst.		V. C.	23 W. 36
Bartlett, F. H. Instr.		P. & S.	307 W. 79
Baruch, S. Prof.		P. & S.	135 W. 73
Bastedo, W. A. Assoc.		P. & S.	57 W. 58
Batchelder, Evelyn Tr.		H. M. S	
Batchelder, Mildred I. Tr.		H. M. S.	70 Morningside ave. W. Orange
Bayles, G. J. Assoc.			
Beans, H. T. Instr.	Tu. Th. 11–12	513 Hv.	601 W. 168
Beans, J. E. Asst.	Daily 1–4	605 E.	174th St. and St. Nicholas ave.
Beard, C. A. Assoc. Prof.	Tu. 10–12	715 Hm.	501 W. 121
Bechert, A. O. Instr.	M. W. F. 10 and 2	114 B.	600 Decatur, Bklyn.
Beers, Ellen A. Asst.		T.	517 W. 171
Beling, C. C. Clin. Asst.		V. C.	1098 Broad, Newark
Bement, A. Instr.		T.	939 Eighth ave.
Bennett, Clara R. Tr.		Sp. S.	3099 Broadway
Benns, C. P. Supt. Bldgs. & Grounds of T. C.	Daily 9–5	100 T.	195 Claremont ave.
Bensel, W. Assoc.		P. & S.	
Bentley, Bertha, Tr.		Sp. S.	113 W. 88
Berg, A. A. Assoc.		P. & S.	923 Madison ave.
Berg, H. W. Assoc.		P. & S.	923 Madison ave.
Berkey, C. P. Asst. Prof.	W. S. 10–11	303 S.	Palisade, N. J.
Beyermann, F. G. Tr.		Sp. S.	412 E. 89
Bigelow, C. O. Treas. Col. of Phar.			106 Sixth ave.
Bigelow, M. A. Prof.	M. 10; F. 9	420 T.	525 W. 120
Bigongiari, D. Instr.	M. W. 2–3	302 W.	
Bingham, A. W. Dem. and Asst.		P. & S.	266 W. 88
Birdsong, Nellie W. Asst.		H. M. S.	415 W. 118
Black, A. Asst. Prof.	Absent on leave		
Blackwell, H. B. Instr.		P. & S.	148 W. 58
Blake, J. A. Prof.		P. & S.	601 Madison ave.
Blancard, W. Instr.		P. & S.	123 E. 60
Bliss, Grace V. Sec. Dept. Fine Arts, T. C.		T.	404 W. 115
Bloom, I. I. Asst.		Gym.	111½ W. 115
Boas, F. Prof.	Tu. Th. 3	405 S.	Grantwood, N. J.
Bogert, M. T. Prof.	M. Tu. W. F. 2–4	408 Hv.	422 W. 154
Bollert, Minnie L. Instr.		T.	
Bonser, F. G. Asst. Prof.	Tu. Th. 2–3; M. 11–12	235 T.	606 S. B'way, Yonkers

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Botsford, G. W. Prof.	W. 9:15–9:45	702 Hm.	28 Urban, Mt. Vernon
Bovaird, D. Jr. Asst. Prof.		P. & S.	126 W. 58
Boyd, Virginia T. Clerk Barnard Coll.	M. F. 10–12; 2–4; S. 9–12		
Boyd, W. B. Clin. Asst.		B.	527 W. 124
Boyesen, B. Instr.	M. 11–12	V. C.	130 Claremont ave.
Bradley, W. L. Clin. Asst.		606 Hm.	80 Wash'n Sq.
Brandt, Lillian, Asst.	Tu. Th. 5:10; F. 4:10	V. C.	55 W. 75
		607 K.	91 Columbia Heights Bklyn.
Braun, W. A. Asst. Prof.	M. 10; W. 2	113 B.	520 W. 122
Brewer, G. E. Prof.		P. & S.	61 W. 48
Brewster, Alice D. Asst.	M. 3–4; W. 2–4; F. 9–10	109 B	527 W. 124
Brewster, W. T. Prof. Provost and Acting Dean of B. C.	M. F. 11–1; Tu. Th. 12:20–1	B.	Scarsdale, N.Y.(Hartsdale P. O.)
Brill, A. A. Clin. Asst.		V. C.	97 Central Pk., W.
Brill, N. E. Prof.		P. & S.	48 W. 96
Britton, N. L. Dir. N. Y. Botanical Garden			Bronx Park
Broadhurst, Jean, Instr.		T.	Whittier
Brooks, Anna P. Instr.		T.	
Brooks, F. E. Tr.		H. M. S.	600 W. 114
Brooks, Mrs. Marie K. Tr.		H. M. S.	600 W. 114
Brouner, W. B. Clin. Asst.		V. C.	27 W. 9
Brown, A. J. Dem.		P. & S.	550 Park ave.
Brown, Rev. F. Pres. Union Theol. Seminary		Union Theol. Seminary	
Brown, Grace L. Asst.		H. M. S.	420 W. 119
Brown, H. C. Instr.	Tu. 9–10	417 L.	527 W. 121
Brown, R. M. Asst.		P. & S.	120 W. 55
Brownell, E. G. Clin. Asst.		V. C.	The Ormond, B'way & 70
Brunot, F. Prof.			
Brunson, O. M. Tr.		H. M. S.	Livingston
Budington, Ethel H. Sup. Lib.		L.	457 W. 123
Bumpus, H. C. Dir. Amer. Mus. Nat'l Hist.			
Burch, L. H. Tr.		H. M. S.	
Burdick, F. M. Prof.	Tu. Th. 9–10; F. 10–11	406 K.	633 W. 115
Burgess, J. W. Prof. and Dean of Grad. Fac.			
Burnham, A. C. Clin. Asst.		V. C.	260 W. 76
Burnside, C. H. Asst. Prof.	M. F. 11–12	608 F.	3875 Broadway
Burr, W. H. Prof.	Absent on leave second half-year	401 E	New Canaan, Ct.
Burton-Opitz, R. Assoc. Prof.		P. & S.	Palisade, N. J.
Bush, W. T. Assoc.			
Butler, N. M. Pres.	M. Tu. Th. F. 10:30–12	213 L.	119 E. 30
Caldwell, H. H. Tr.		H. M. S.	

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Calhoun, Margaret Instr.		T.	99 Madison ave.
Calhoun, Mary E. Tr.		H. M. S.	420 W. 119
Calkins, G. N. Prof.	M. W. F. 2–3	604 S.	411 W. 114
Camac, C. N. B. Asst. Prof.		P. & S.	108 E. 65
Campbell, W. Assoc. Prof.	M. W. 11–12	502 M.	Livingston
Canfield, G. F. Prof.	Tu. Th. 9–10	406 K.	342 W. 72
Carpenter, W. H. Prof. and Assoc. Dean of Grad. Fac.	Daily 10–12; 2–4	305 East	253 W. 100
Carr, M. L. Clin. Asst.		V. C.	353 W. 57
Carter, H. S. Assoc.		P. & S.	66 W. 55
Cattell, J. McK. Prof.	Tu. Th. 2	412 S.	Garrison, N. Y.
Chambers, P. F. Prof.		P. & S.	49 W. 57
Chandler, C. F. Prof.	Absent on leave		
Chappell, W. F. Prof.		P. & S.	7 E. 55
Church, E. C. Lect.	Th. S. 10–11	401 E.	4 E. 130
Clark, E. D. Instr.		P. & S.	401 W. 117
Clark, J. B.	Absent on leave		
Clark, J. E. Clin. Asst.		V. C.	24 W. 45
Clarke, W. C. Assoc.		P. & S.	200 W. 56
Class, F. M. Instr.		P. & S.	16 Central Pk., W.
Clawson, Josephine M. Asst.		H M. S.	503 W. 121
Cleasby, Elizabeth, Tr.		H. M. S.	501 W. 120
Coblentz, V. Prof.		Phar.	431 Riverside Dr.
Coe, George A. Prof.	M. W. 4–4:30; Tu. Th. 3–3:30	U. T. S.	606 W. 122
Coffman, L. D. Lect.		T.	515 W. 124
Cohn, A. Prof.	M. W. 2–3	306 Hm.	
	M. W. 3–4	309 W.	2018 Fifth ave.
Cole, F. N. Prof.	M. 2	406 East	
Coll, A. P. Clin. Asst.		V. C.	153 Lexington ave.
Collins, H. D. Instr.		P. & S.	50 W. 55
Colsey, L. C. Clerk		Gym.	Fourth ave., Nyack
Conboy, M. A. Clin. Asst.		V. C.	45 So. 1st ave., Mt. Vernon
Condit, D. D. Asst.	Tu. Th. 11–12	301 S.	532 W. 143
Condry, Margaret Tr.		H. M. S.	
Conley, D. S. Asst.		P. & S.	Bellevue Hosp.
Connell, K. A. Instr.		P. & S.	63 W. 49
Cook, Elizabeth C. Asst.	Tu. Th. 9–10	137 B.	Whittier
Cooley, Anna M. Asst. Prof.	M. 10–11	T.	202 W. 79
Cooley, W. F. Instr.	Tu. Th. 10–11	614 Hm.	192 Claremont ave.
Corbett, Florence R. Instr.		T.	Whittier
Corbett, J. S. Asst.		505 F.	362 E. 207
Cornell, Grace, Instr.		T.	
Cossitt, H. A. Clin. Asst.		V. C.	146 W. 70
Cowan, J. A. Clin. Asst.		V. C.	438 W. 44
Cox, K. Prof.			134 E. 67
Cox, M. Otis Law Lib'n		K.	287 W. 4
Cox, R. Instr.		P. & S.	47 W. 44
Cragin, E. B. Prof.		P. & S.	10 W. 50
Crampton, H. E. Prof.	M. 11–12; Tu. Th. 2–3	413 B.	2880 Broadway
Crandall, Ella P. Instr.		T.	265 Henry
Crandon, Laura B. Tr.		H. M. S.	Whittier
Crawford, Caroline, Instr.		T.	618 W. 114
Crocker, F. B. Prof.	Absent on leave		

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Curtis, C. C. Assoc. Prof.	Tu. Th. 2–4	506 S.	
Curtis, E. Emer. Prof.			33 W. 69
Curtis, H. B. Instr.	M. W. F. 11; Tu. Th. 10	140 B.	520 W. 123
Curtis, J. G. Emer. Prof.			No. Chatham, Mass.
Curtis, Mary W. Asst.		T.	457 W. 123
Cussler, E. Asst.		P. & S.	76 E. 55
Dade, C. T. Clin. Asst.		V. C.	25 W. 50
Daenell, E. Prof.	W. F. 10–11	305 L.	Faculty Club
Daniell, Lucetta, Social Director of T. C.	M. Tu. W. 2–4; Th. F. 10–12	108 T.	Whittier
Danielson, C. S. Bursar	M.–F. 9:30–3:30; S. 9:30–12	East	2135 Seventh ave.
Darling, C. A. Instr.	Tu. Th. 1–2	503 S.	529 W. 123
Darrach, W. Instr.		P. & S.	61 W. 48
Daschbach, Grace, Lect.		T.	78 W. 55
Dashiell, J. F. Asst.	Tu.–F. 9–12	615 Hm.	523 W. 124
Davis, B. Asst. Prof.	Tu. Th. 10–12	510 F.	509 W. 124
Davis, F. Jr. Assoc.		P. & S.	17 W. 47
Day, W. S. Lect.	Tu. Th.	407 F.	220 Hobart ave., Summit, N. J.
Dean, B. Prof.	M. W. F. 9–11	605 S.	Riverdale, N. Y.
Dederer, Pauline H. Instr.	Tu. 4	415 B.	549 W. 113
Delafield, F. Emer. Prof.			5 W. 50
Dement, Lucia W. Tr.		H. M. S.	
Denig, R. C. Prof.		P. & S.	56 E. 58
Derby, R. Dem.		P. & S.	27 W. 44
Devine, E. T. Prof.	Absent on leave first half-year		144 Centre ave., New Rochelle
Dewey, J. Prof.	M. 2–3; Tu. 10–11	416 L.	49 St. Nicholas Terrace
Deyo, Bertha, Tr.		H. M. S.	51 W. 130
Dickey, F. A. Chief Clerk, Registrar's Office	M.–F. 9–5; S. 9–12	201 East	503 W. 124
Diekman, G. C. Prof.		Phar.	555 E. 23, Bklyn.
Dingwall, Edna, Sec. to Dir. Tech. Educ.		T.	417 W. 121
Dodge, B. O. Asst.	W. F. 10–12	504 S.	528 W. 123
Dodge, R. E. Prof.	W. F. 9–10; Tu. Th. 2–3	416 T.	Washington, Conn.
Dorr, G. H. Assoc.			
Doty, Katharine S. Asst.	F. 1:30–2	338 B.	553 W. 141
Dounce, J. W. Clin. Asst.		V. C.	320 Central Pk., W.
Dow, A. W. Prof.		T.	501 W. 120
Dowd, C. N. Prof.		P. & S.	127 W. 72
Dowd, Maria L. Tr.		H. M. S.	
Draper, W. K. Prof.		P. & S.	121 E. 36
Drew, Lillian C. Instr.		T.	Whittier
Dunning, W. A. Prof.	Absent on leave first half-year	710 Hm.	256 W. 57
Dutton, S. T. Prof.	M. Tu. Th. F. 11–12; 3–4	T.	411 W. 114
Dwight, K. Asst.			1045 Madison ave.
Dwyer, J. G. Asst.			40 E. 41

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Eastman, M. Assoc.	M. W. 2:10	419 L.	118 Waverly Pl.
Eddy, W. H. Assoc.		P. & S.	387 Lafayette ave., Bklyn.
Egbert, J. C. Prof. and Director Summer Session and Extension Teaching	M. Tu. Th. F. 11–12	109 L.	425 W. 146
Elliott, A. H. Emer. Prof.			21st St. & Avenue A
Emerson, H. Instr.		P. & S.	120 E. 62
Epstein, S. Clin. Asst.		V. C.	591 Lexington ave.
Erb, F. C. Sup. Lib.		L.	520 W. 123
Erb, F. W. Sup. and Asst. Lib'n		L.	520 W. 123
Erdwurm, F. Asst.		P. & S.	128 E. 34
Erskine, J. Assoc. Prof.	W. 11–12	610 Hm.	415 W. 115
Evans, E. M. Prof.		P. &. S	56 E. 55
Evans, G. S. Custodian Medical Library		P. & S.	Somerville, N. J.
Fackenthal, F. D. Secy.	M.–F. 9–5; S. 9–12	213 L.	930 St. Mark's ave., Bklyn.
Fales, Jane T. Asst. Prof.	W. 2–3; Th. 11–12	T.	201 W. 79
Farnsworth, C. H. Assoc. Prof.	M. F. 11	118 T.	70 Morningside ave. W.
Farnsworth, Mrs. Charlotte J. Preceptress H. M. H. Sch.			70 Morningside ave. W.
Farrand, L. Prof.			
Farrington, F. E. Assoc. Prof.	M. W. F. 10	218 T.	Edgecliff Terrace, Yonkers
Farwell, H. W. Instr.	Tu. W. Th. 1–4	401 F.	503 W. 122
Fauver, E. Asst. Prof.	Tu. Th. 11–12	553 T.	601 W. 185
Fette, F. C. Instr.	M. W. F. 10–12; F. 2–4	Gym.	520 W. 123
Finch, J. K. Instr.	Tu. Th. F. 1–4	407 E.	306 W. 93
Fink, M. Clin. Asst.		V. C.	274 W. 140
Fischer, C. S. Clin. Asst.		V. C.	144 E. 38
Fischer, H. Instr.		P. & S.	1016 Lexington ave.
Fisher, H. L. Asst.	Daily 9–5	402 Hv.	60 W. 101
Fisk, J. C. Clin. Asst.		V. C.	269 Alexander ave.
Fiske, T. F. Prof.	Tu. Th. 3	312 U.	Livingston
Fitch, Lura P. Tr.		H. M. S.	Whittier
Fite, W. B. Prof.	Tu. Th. 9	209 Hm.	3681 Broadway
Flemming, H. C. Clin. Asst.		V. C.	2030 Broadway
Fletcher, J. B. Prof.	M. W. F. 2–3 Absent on leave second half-year	511 F.	112 E. 22
Fontaine, C. Asst. Prof.	M. W. F. 3–4	308 Hm.	541 W. 124
Fortier, E. J. Instr.	M. W. F. 3–3:30	305 W.	430 W. 122
Fossler, Anna K. Sup. Lib.		L.	540 W. 122
Foster, N. B. Assoc.		P. & S.	69 E. 54
Fox, G. H. Clin. Asst.		V. C.	616 Madison ave.
Fox, Harriet R. Asst.		109 B.	2567 Sedgwick ave.
Francis, Charlotte A. Instr.		T.	Whittier
French, A. T. Tr.		H. M. S.	
French, D. C. Prof.			125 W. 11
French, Lucile G. Instr.		T.	420 W. 119
Frieder, W. Clin. Asst.		V. C.	80 St. Nicholas ave.
Frissell, L. F. Assoc.		P. & S.	113 E. 56
Frothingham, R. Instr.		P. & S.	616 Madison ave.

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Fullerton, G. S. Prof.	Absent on leave		
Fulmer, Grace, Asst. Prof.	M. W. 10; Tu. Th. 3	115 T.	503 W. 121
Furst, C. Sec'y of T. C. and Assoc. Prof.	M. W. F. 3–5; Tu. Th. S. 10–12	106 T.	Lowerre Summit, Yonkers
Furst, Mrs. Mary L. Lect.		T.	Lowerre Summit, Yonkers
Gallaudet, B. B. Asst. Prof.		P. & S.	110 E. 16
Gannett, Anna J. Asst.		H. M. S.	
Garretson, W. V. Clin. Asst.		V. C.	112 W. 85
Garrison, Charlotte G. Princ. H. M. Kindergarten		H. M. S.	521 W. 134
Gates, W. J. Sec. Gym.		Gym.	86–1
Gath, Bertha M. Tr.		Sp. S.	Whittier
Geer, Mrs. Cora M. Sec. to Princ. of H. M. El. Sch.		H. M. S.	534 Van Cortlandt Park ave., Yonkers
George, Theodora Registrar of T. C.	M.–F. 9–4:30; S. 9–12	104 T.	528 W. 123
Gerig, J. L. Asst. Prof.			
Gerster, A. G. Prof.		P. & S.	34 E. 75
Gibney, V. P. Prof.		P. & S.	16 Park ave.
Giddings, F. H. Prof.	M. 2:30; F. 1:30	504 K.	814 West End ave.
Gies, W. J. Prof.		P. & S.	437 W. 59
Gildersleeve, Virginia C. Asst. Prof.	W. F. 10	136 B.	28 W. 48
Gillette, C. Asst.		P. & S.	53 W. 52
Gillmore, Mary B. Tr.		H. M. S.	70 Morningside ave., W.
Goetze, F. A. Dean of Fac. App'd Sci. & Cons. Eng'r.	M. 4–5; W. F. 1–2	405 E.	411 W. 117
Gohdes, W. H. Tr.		H. M. S.	
Gold, J. D. Clin. Asst.		V. C.	839 Myrtle ave., Bridgeport, Conn.
Goldenweiser, A. Asst.	M. W. 1–2	513 S.	1117 Westchester ave.
Goldman, A. Clin. Asst.		V. C.	1789 Fulton ave.
Goodale, Grace H. Asst.		B.	1230 Amsterdam ave.
Goodfriend, N. Clin. Asst.		V. C.	243 E. 72
Goodnow, F. J. Prof.	M. W. 3–4	511 K	46 Riverside Dr.
Goodridge, F. G. Clin. Asst.		V. C.	11 E. 48
Goodsell, Willystine, Instr.		T.	417 W. 120
Gottheil, R. J. H. Prof.	Tu. Th. 10	309 U.	419 Riverside Dr.
Grabau, A. W. Prof.	Absent on leave first half-year	101 S.	419 W. 118
Gray, J. E. Asst.		505 F.	86 – 1
Greenwald, I. Asst.		P. & S.	416 E. 58
Gregory, Louise H. Instr.	Tu. 11	415 B.	401 W. 118
Gregory, M. S. Clin. Asst.		V. C.	Bellevue Hosp'l
Gregory, W. K. Lect.	Tu. Th. 10–5	Am. Mus. Nat. Hist.	520 W. 122
Gross, A. Asst.	M. W. 9–11	508 Hv.	Livingston
Grout, G. H. Clin. Asst.		V. C.	The Wellsmore, 77 & B'way

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Grove, C. C. Asst. Prof.	Tu. Th. 4:45	212 Hm.	3129 Broadway
Guernsey, R. Instr.	Th. 11–12	515 Hm.	36 Convent ave.
Gunn, T. M. Instr.	Daily 4–5	509 E.	601 W. 174
Guthrie, W. D. Prof.	Tu. 9:30	406 K.	28 Park ave.
Haas, S. V. Asst.		P. & S.	666 West End ave.
Haberman, J. V. Instr.		P. & S.	60 W. 85
Hale, H. E., Jr. Instr.		P. & S.	770 West End ave.
Hall, E. J. Instr.	M. Th. 9–12	206 Hv.	71 Van Houten ave., Passaic
Haller, W. A. Asst.	Tu. Th. S. 11–12	137 B.	Livingston
Hallock, W. Prof.			
Hamilton, B. W. Clin. Asst.		V. C.	125 W. 76
Hamlin, A. D. F. Prof.	M. F. 10–11; Tu. Th. 2–3	607 Hv.	105 Morningside ave.
Hanckel, Mary B. Instr.		T.	575 W. 159
Hanes, F. M. Assoc.		P. & S.	Livingston Hall
Harriman, C. A. Assoc.		605 Hv.	417 W. 114
Harrington, T. H. Instr.	Tu. Th. 10–11	604 E.	Scarsdale, N. Y.
Hart, T. S. Assoc.		P. & S.	130 W. 59
Hartley, F. Prof.		P. & S.	61 W. 49
Haskell, Mrs. Juliana S. Instr.	M. 3–4; F. 1–2	109 B.	209 W. 108
Hastings, T. Dir. of Atelier			11 E. 41
Hauch, E. F. Tr.		H. M. S.	58 Morningside ave., E.
Haviland, C. F. Clin. Asst.		V. C.	State Hosp'l, Kings Park, L. I.
Hawkes, H. E. Prof.	M. F. 2–3	706 Hm.	549 Riverside Dr.
Hawley, Harriet, Sec. to Dean of T. C.		T.	Whittier
Hayden, J. R. Prof.		P. & S.	121 W. 55
Hayes, C. H. Asst. Prof.	Tu. W. 2:10	710 Hm.	Hartley
Hayt, E. K. Asst. Registrar and Asst. Bursar	M. F. 10–5; S. 10–1	P. & S.	104 W. 128
Hazen, C. D. Lect.			
Hazen, T. E. Asst. Prof.	F. 9	320 B.	Livingston
Healy, Florence M. Tr.		H. M. S.	20 Hampton Pl., Bklyn.
Hehre, F. W. Instr.	M. F. 1–4	201 E.	105 Manhattan ave.
Henderson, A. C. Clin. Asst.		V. C.	155 E. 62
Hensel, O. Instr.		P. & S.	106 E. 81
Herrick, A. L. Instr.	Daily 4–5	207 E.	435 W. 123
Herrick, W. W. Instr.		P. & S.	131 E. 60
Herrman, C. Asst.		P. & S.	250 W. 88
Herter, C. A. Prof.		P. & S.	819 Madison ave.
Hervey, W. A. Assoc. Prof. and Registrar	Daily 11–12; M. W. F. 4–5	202 East	607 W. 138
Heuser, F. W. J. Instr.	M. 10; Th. 3	404 Hm.	239 So. Fifth ave., Mt. Vernon
Hicks, F. C. Supt. Reading Rooms		L.	149 W. 74
Hill, Patty S. Asst. Prof.	M. Th. 3–4; W. S. 10–12	T.	628 W. 114
Hines, J. C. Jr. Asst.			
Hirst, Gertrude M. Instr.	W. 10	212 B.	Brooks
Hirth, F. Prof.	Th. 11–12	305 U.	401 W. 118

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Hiss, P. H., Jr. Prof.		P. & S.	200 Columbia Heights, Bklyn.
Hitchings, Grace L. Instr.		T.	90 Morningside ave., W.
Hodge, P. Asst. Prof.	M. W. F. 9–9:30	606 F.	509 W. 122
Hodgson, J. H. P. Instr.		P. & S.	29 Wash'n Sq.
Hohmann, G. Instr.		Phar.	115 W. 68
Holden, W. A. Instr.		P. & S.	43 W. 48
Hollingworth, H. L. Instr.	M. W. 2–4; Tu. Th. 3–5	420 B.	516 W. 136
Hollis, A. W. Assoc.		P. & S.	40 W. 71
Holm, G. T. Tr.		H. M. S.	518 W. 134
Holt, L. E. Prof.		P. & S.	14 W. 55
Holter, P. C. H. Sec. Com. on Employment for Students	Daily 10–1; 3–4	311 East	65 E. 5, Bklyn.
Hooker, R. S. Asst.		P. & S.	780 Madison ave.
Hopkins, J. G. Asst.		P. & S.	350 Washington ave., Bklyn.
Hostmann, J. Asst.		Phar.	1122 Hudson, Hoboken
Hotchkiss, Caroline W. Tr.	Absent on leave	H. M. S.	
Hotchkiss, L. W. Prof.		P. & S.	59 W. 48
Howard, Clare M. Assoc.	Tu. 10–11	212 B.	549 Riverside Dr.
Howe, H. M. Prof.	Absent on leave	512 M.	Bedford Station
Howland, J. Assoc.		P. & S.	49 E. 53
Hubbard, Grace A. Assoc. Prof.	M. 11–11:30	336 B.	618 W. 114
Hubbard, S. D. Clin. Asst.		V. C.	143 W. 103
Huber, F. Prof.		P. & S.	209 E. 17
Humphreys, F. B. Instr.		P. & S.	78 W. 85
Humphries, H. R. Clin. Asst.		V. C.	40 E. 41
Hunt, E. L. Instr.		P. & S.	54 W. 50
Hunt, J. R. Assoc. Prof.		P. & S.	20 W. 50
Huntington, G. S. Prof.		P. & S.	Scarsdale
Hutchinson, Mary E. Prin. Tr. Sch. Sloane Maternity Hosp'l		S. M. H.	
Huttmann, Maude A. Instr.	Tu. Th. 11–2; W. 1–2	337 B.	131 E. 31
Hutton, A. L. Asst.		P. & S.	257 W. 86
Hutton, F. R. Emer. Prof.		257 W. 86	
Hyde, J. E. Asst.	Tu. 1–4; F. 2–4	101 S.	532 W. 143
Inglis, A. J. Tr.		H. M. S.	Livingston
Irving, P. Asst.		P. & S.	200 W. 57
Jackson, A. V. W. Prof.	M. 5 Absent on leave second half-year	306 U.	668 Riverside Dr.
Jackson, A. W. Asst.	Daily 9–11	303 F.	Livingston
Jackson, F. W. Prof.		P. & S.	555 Madison ave.
Jackson, G. T. Prof.		P. & S.	11 E. 48
Jacobi, A. Emer. Prof.		P. & S.	19 E. 47
Jacobus, A. M. Clin. Asst.		V. C.	131 W. 70
Jacoby, H. Prof.	Tu. Th. 9–10	610 F.	333 W. 76
Jaeger, C. H. Instr.		P. & S.	471 Park ave.
James, H. Asst.		P. & S.	57 W. 57
James, W. B. Prof.		P. & S.	17 W. 54
Janeway, H. H. Instr.		P. & S.	130 W. 57
Janeway, T. C. Prof.		P. & S.	131 E. 60

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Jelliffe, S. E. Clin. Asst.		V. C.	64 W. 56
Jessup, D. S. D. Instr.			542 W. 112
Johnson, A. B. Prof.		P. & S.	12 E. 58
Johnson, H. Prof.	Tu. Th. 10–11	320 T.	501 W. 121
Johnston, W. D. Librarian	M. F. 9:30–12	201 L.	628 W. 114
Jones, A. L. Chairman Com. on Undergraduate Admissions, and Asst. Prof.	Daily 10–12; M. W. Th. F. S. 2–4	310 East	220 W. 107
Jordan, D. Asst. Prof.	W. F. 11	311 Hm.	419 W. 115
Joüet, C. H. Instr.	Tu. F. 10–11	505 Hv.	
Judd, E. K. Instr.	M. W. F. 9–12	408 M.	Hasbrouck Heights, N. J.
Kammerer, F. Prof.		P. & S.	51 E. 66
Kartzke, G. Tr.		H. M. S.	416 W. 118
Kasner, E. Prof.	M. W. F. 11:50	309 B.	22 W. 119
Kaufmann, J. Prof.		P. & S.	52 E. 58
Keator, H. M. Dem.		P. & S.	107 E. 70
Keller, Eleanor, Instr.		435 B.	417 W. 114
Keller, M. D. Clin. Asst.		V. C.	65 E. 114
Kelton, Mary E. Tr.		H. M. S.	503 W. 121
Kemp, J. F. Prof.	Tu. Th. 9–10	403 S.	211 W. 139
Kendall, B. W. Asst.	Tu. Th. 2–4	230 B.	507 W. 124
Kenyon, J. H. Instr.		P. & S.	37 W. 71
Keppel, F. P. Dean of Columbia College	M. Tu. Th. F. 10–12; 2–4	208 Hm.	415 W. 117
Kern, E. F. Instr.	M. W. F. 10–12; Tu. Th. 9–10	404 M.	Livingston
Kersey, P. J. Tr.		H. M. S.	58 Morningside ave., E.
Keyes, Maud V. Tr.		H. M. S.	414 W. 118
Keyser, C. J. Prof.	M. W. F. 11	206 Hm.	74 W. 103
Kiliani, O. G. T. Prof.		P. & S.	44 W. 77
Kilpatrick, Mrs. W. H. Asst. to Social Director		T.	420 W. 119
Kilpatrick, W. H. Lect.		T.	420 W. 119
Kingsley, Margaret A. Asst.		313 B.	541 W. 123
Kingsley, R. Clin. Asst.		V.	106 W. 78
Kinne, Helen, Prof.	M. W. 11 Absent on leave second half-year	T.	8 Morningside ave., E.
Kinnicutt, F. P. Prof.		P. & S.	39 E. 35
Kirchwey, Clara B. Instr.		T.	908 St. Nicholas ave.
Kirchwey, G. W. Prof.	M. F. 10–11	410 K.	908 St. Nicholas ave.
Kirchwey, Mary F. Tr.		H. M. S.	908 St. Nicholas ave.
Kirkpatrick, T. B. Asst. Instr. Gym.		Gym.	Livingston
Knapp, A. H. Prof.		P. & S.	26 W. 40
Knapp, C. Prof.	Tu. Th. 10–11; Tu. 2–3	331 B.	1737 Sedgwick ave.
Knapp, C. B. Prof.		Phar.	115 W. 68
Knapp, H. Emer. Prof.		P. & S.	26 W. 40
Knox, Rev. R. C. Chaplain	M. W. F. 2–4; Tu. Th. 3–4	E. H.	413 W. 117
Koenig, N. A. Lect.	Tu. Th. 1–2	310 U.	80 W. 12

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Kohn, B. Clin. Asst.		V. C.	31 W. 115
Krapp, G. P. Prof.		203 W.	205 W. 107
Krathwohl, W. C. Instr.	M. 11; W. 3	309 B.	520 W. 123
Kress, O. Instr.	Daily 1–5:30	415 Hv.	438 W. 116
Kurtz, E. L. Asst. Prof.	M. W. F. 11–12	405 M.	Livingston
La Farge, J. Prof.			51 W. 10
La Fetra, L. E. Assoc.		P. & S.	113 E. 61
Lambert, A. V. S. Instr.		P. & S.	29 W. 36
Lambert, R. A. Instr.		P. & S.	Livingston
Lambert, S. W. Prof. and Dean Med. School		P. & S.	130 E. 35
Lamme, M. A. Instr.	M. W. Th. 1–4	106 S.	635 W. 135
Langford, Grace, Instr.	M. 1–3	232 B.	70 Morningside ave., W.
Larkin, J. H. Asst. Prof.		P. & S.	601 W. 135
Latham, Azubah J. Asst. Prof.	M. W. 2:30–3	213 T.	417 W. 120
Latham, Helen, Tr.		H. M. S.	417 W. 120
Latham, Marion E. Instr.	M. 11	313 B.	Brooks
Lawrence, W. W. Assoc. Prof.	M. W. 11–12	507 F.	618 W. 114
Lawton, W. E. Business Manager, Whittier Hall			501 W. 120
Lee, F. S. Prof.		P. & S.	125 E. 65
Lefferts, G. M. Emer. Prof.		P. & S.	212 Madison ave.
Leggett, N. B. Clin. Asst.		V. C.	246 W. 76
Lennes, N. J. Instr.	M. W. F. 2–3	210 Hm.	542 W. 124
LeRoy, S. Tr.		H. M. S.	15 W. 63
Leshure, J. Clin. Asst.		V. C.	423 Convent ave.
Leslie, F. A. Instr.		Phar.	115 W. 68
Levin, I. Assoc.		P. & S.	129 W. 122
Lewis, Mary H. Tr.		H. M. S.	602 W. 146
Lewis, R. Jr. Prof.		P. & S.	48 W. 40
Libman, E. Prof.		P. & S.	180 E. 64
Lichtenstein, G. Clin. Asst.		V. C.	206 E. 104
Lieb, C. C. Assoc.		P. & S.	50 Central Park, W.
Liggett, Mrs. N. W. Bursar of B. C.	M. F. 10–4; S. 10–12	B.	404 Riverside Dr.
Likely, D. S. Clin. Asst.		V. C.	44 W. 96
Lindsay, S. M. Prof.	Tu. Th. 4–5	611 K.	Chestnut St., Englewood, N. J.
Lobenstine, R. W. Instr.		P. & S.	67 E. 55
Lockwood, D. P. Asst. Prof.	M. W. F. 12:30–1	513 Hm.	Livingston
Lockwood, G. R. Prof.		P. & S.	18 E. 52
Lodge, G. Prof.	M. W. 3–4	228 T.	500 W. 121
Logan, Amy L. Asst.		T.	Whittier
Loiseaux, L. A. Asst. Prof.	Tu. Th. 3–4:30	310 Hm.	507 W. 124
Lord, H. G. Prof.	M. F. 10–11	615 Hm.	623 W. 113
Lothrop, A. P. Instr.		P. & S.	Hartley
Lovell, E. B. Prof.	Th. 9–10; F. 10–11	409 E.	67 Myrtle ave., Montclair
Lucke, C. E. Prof.	Tu. Th. F. 10–11	304 E.	544 W. 142
Luquer, L. McI. Asst. Prof.	M. W. 10	306 S.	321 W. 80
Lyle, H. H. M. Instr.		P. & S.	50 E. 53
McBurney, C. Emer. Prof.		P. & S.	38 E. 31

NAME	OFFICE HOURS	OFFICE	RESIDENCE
McCabe, J. Clin. Asst.		V. C.	348 Central Pk., W.
McCall, F. S. Tr.		Sp. S.	
McCarthy, J. C. Clin. Asst.		V. C.	414 W. 58
McCastline, W. H. Asst. Prof.	M.–F. 2–4	152 T.	549 Riverside Dr.
McClelland, J. F. Lect.			
McClure, M. T. Jr. Asst.	M. F. 10–11; 3–4	419 L.	414 W. 118
McCormick, Mary G. Instr.		T.	Whittier
McCrackan, R. F. Asst.	M. F. 2:30–5:30	505 Hv.	505 W. 124
McCrea, N. G. Prof.	M. W. F. 11–12	510 Hm.	430 W. 119
McEntee, E. J. Clin. Asst.		V. C.	196 Hancock, Bklyn.
McFarlane, C. T. Controller of T. C.	Daily 9–1	T.	501 W. 120
McGregor, J. H. Asst. Prof.	W. F. 10–11	610 S.	Livingston
McKeown, Matilda J. Asst.		T.	762 West End ave.
McLane, J. W. Emer. Prof.		P. & S.	51 W. 38
McMurry, F. M. Prof.	M. W. F. S. 9–10	202 T.	9 Hillside Dr., Yonkers
McMurtry, C. W. Instr.		P. & S.	812 Fifth ave.
McVey, Florence M. Tr.		H. M. S.	
McWilliams, C. A. Instr.		P. & S.	32 E. 53
MacAlarney, Emma L. Tr.		H. M. S.	500 W. 121
MacCallum, W. G. Prof.		P. & S.	981 Madison ave.
Macdonald, Jessie K. Lect.		T.	430 W. 119
Macgregor, J. S. Instr.			
Maclay, J. Prof.	Absent on leave first half-year	209 Hm.	312 Summer ave., Newark, N. J.
Macumber, J. L. Clin. Asst.		V. C.	291 De Kalb ave., Bklyn.
MacVannel, J. A. Prof.	M. W. 2–3	220 T.	411 W. 115
Macy, Cornelia P. Recorder		415 L.	
Main, T. F. Sec. Coll. of Phar.		Phar.	Montclair
Maltby, Margaret E. Asst. Prof.	Tu. Th. 11–12	240 B.	400 W. 118
Manchester, Mrs. Melinda I. Instr.		T.	420 W. 119
Mansfield, W. Prof.		Phar.	115 W. 68
March, Maud, Instr.		T.	81 Morningside ave., E.
Marshall, Florence M. Tr.		H. M. S.	430 W. 118
Martin, C. J. Instr.		T.	23 W. 24
Martin, D. C. Clin. Asst.		V. C.	
Martin, W. Assoc.		P. & S.	25 W. 50
Mason, D. G. Asst. Prof.	M. 4–5	606 M.	207 W. 55
Mason, F. L. Asst.	W. Th. 10–12	501 E.	342 E. 152
Mason, H. H. Instr.		P. & S.	114 W. 55
Mathews, F. S. Assoc.		P. & S.	62 W. 50
Matthews, B. Prof.	Tu. Th. 4; S. 9:30	502 F.	681 West End ave.
Maury, Carlotta J. Asst.		214 B.	Hastings-on-Hudson
Maxson, A. R. Instr.	Tu. Th. 11–12	211 Hm.	
Mayer, R. E. Assoc. Prof.	Tu. Th. 9–11	602 E.	151 Prospect ave., Mt. Vernon
Means, Caroline P.	M. F. 9–4:30; S. 9–12	104 T.	Whittier
Meeker, H. D. Clin. Asst.		V. C.	220 W. 79
Merriman, M. H. Clin. Asst.		V. C.	42 W. 71
Metzger, F. J.	M. 11–12; Th. F. 9–10	507 Hv.	8 Hamilton ave., Yonkers

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Meyer, Anna E. H. Sec. of B. C.	M. F. 10–12; 2–4 S. 10–12	B.	15 Cedar Pl., Yonkers
Meylan, G. L. Asst. Prof.	M. F. 1–6; S. 10–12 Absent on leave second half-year	Gym.	468 W. 141
Michaelis, A. Instr.		P. & S.	15 W. 88
Miller, A. M. Instr.		P. & S.	142 S. 10, Newark
Miller, D. S. Prof.			
Miller, J. A. Asst. Prof.		P. & S.	18 W. 51
Miller, S. O. Instr.	Daily 2–4	603 E.	West Nyack
Milliken, E. N. Asst.	M. 9–12	103 Hv.	Hartley
Mitchell, H. M. Prof.	M. W. 11–12	304 Hm.	80 Wash'n Sq.
Mitchell, S. A. Asst. Prof.	M. 9–11; Th. 9–10	602 F.	557 W. 124
Monroe, P. Prof.	W. F. 3	321 T.	44 Prospect Dr., Yonkers
Montague, W. P. Assoc. Prof.	M. 3–4; W. 2–3; M. 1:30–2; W. 3–4	416 L. 335 B.	612 W. 115
Moore, Annie E. Instr.		504 T.	420 W. 119
Moore, F. G. Prof.	Tu. Th. S. 9–10	504 Hm.	15 Claremont ave.
Moore, H. L. Prof.	S. 9	501 K.	400 W. 118
Moore, J. B. Prof.	M. T.	513 K	267 W. 73
Moore, W. C. Instr.	M. F. 9:30–10	512 Hv.	408 W. 115 c/o Sandys
Morecroft, J. H. Asst. Prof.	Th. 10–12	508 E.	Livingston
Moretzky, H. M. Clin. Asst.		V. C.	145 W. 143
Morgan, J. L. R. Prof.	Daily 9–10	411 Hv.	
Morgan, T. H. Prof.	M.–F. 12:30–1	612 S.	
Morris, Mary F. Asst.		T.	154 E. 91
Morrison, W. H. Clin. Asst.		V. C.	167 W. 91
Morse, L. B. Instr.	M. F. 2	408 F.	505 W. 122
Mosenthal, H. O. Instr.		P. & S.	327 Amsterdam ave.
Moses, A. J. Prof.		305 S.	646 W. 158
Muller, H. F. Instr.	M. F. 3–4	112 B.	629 W. 135
Munroe, H. S. Prof.	Tu. 10–11; Th. 2–3 Absent on leave second half-year	407 M.	501 W. 120
Mussey, H. R. Asst. Prof.	M. 2–3; Tu. Th. 10–11	308 B.	101 Central ave., Tompkinsville, S. I.
Myers, J. Sec. of Earl Hall	M. F. 10:30–12; 4–5	E. H.	309 W. 70
Neilson, Sarah M. Asst. in Ed. Museum, T. C.		T.	528 W. 123
Neish, A. C. Instr.	Daily 10–11	103 Hv.	542 W. 124
Neitz, J. D. Tr.		H. M. S.	527 W. 124
Nelms, W. S. Asst.	Tu. Th. 1–4	210 F.	Livingston
Nelson, F. A. Lect.	Tu. F. 3–5	612 Hv.	611 W. 112
Nelson, J. M. Instr.	Daily 9–5	408 Hv.	527 W. 124
Nisselson, M. Clin. Asst.		V. C.	56 W. 112
Norrie, V. H. Prof.		P. & S.	21 W. 37
Norris, H. L. Supt. Buildings and Grounds	M. F. 10–11	110 L.	Livingston
Norsworthy, Naomi, Asst. Prof.	Tu. W. F. 9; Th. 1	337 T.	575 W. 159
Nourse, Lilla A. Tr.		H. M. S.	575 W. 159

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Nowlan, F. S. Tr.		H. M. S.	Livingston
Noyes, W. Asst. Prof.	M. 3–4	232 T.	618 W. 114
Nutting, Mary A. Prof.	M. F. 11–12; Tu. 2–3	T.	420 W. 118
Oastler, F. R. Assoc.		P. & S.	126 W. 59
Odell, G. C. D. Prof.	Tu. Th. 3	604 Hm.	44 W. 44
Oehler, J. Asst. Prof.		Phar.	Carlstadt, N. J.
Ogilvie, Ida H. Instr.	Th. 11–129	214 B.	616 W. 116
O'Gorman, J. M. Asst.		T.	Hartley
Olcott, G. N. Assoc. Prof.	M. W. F. 9:30–10	513 Hm.	438 W. 116
Osborn, H. F. Prof.		Am. Mus. Nat'l Hist.	850 Madison ave.
Osburn, R. C. Asst. Prof.	W. 9–10	409 B.	557 W. 124
Osgood, C. Clin. Asst.		V. C.	58 Central Pk., W.
Osgood, H. L. Prof.	Tu. Th. 4:15	613 K.	526 W. 150
Ottenberg, R. Asst.		P. & S.	180 St. Nicholas ave.
Owen, M. S. Clin. Asst.		V. C.	539 W. 148
Packard, C. Asst.			
Painter, H. M. Prof.		P. & S.	62 W. 55
Pappenheimer, A. M. Assoc.		P. & S.	48 E. 64
Park, E. A. Asst.		P. & S.	981 Madison ave.
Parker, H. C. Asst. Prof.			
Parr, H. L. Instr.	Daily 4–5	207 E.	Yonkers
Patterson, H. S. Assoc.		P. & S.	149 E. 62
Peabody, Mary G. Tr.		H. M. S.	416 W. 118
Peacock, Mary H. Instr.		T.	Whittier
Pearson, H. C. Prin. H. M. Elem. Sch.	M. Tu. Th 2–3; W. 8:45–10	H. M. S.	501 W. 12
Peck, C. H. Prof.		P. & S.	30 W. 50
Peele, R. Prof.	Absent on leave first half-year	405 M.	351 W. 114
Pegram, G. B. Asst. Prof.	M. Th. F. 11–12; 2–3	406 F.	25 Claremont ave.
Pellew, C. E. Asst. Prof.	Absent on leave	416 Hv.	48 E. 26
Pender, L. E. Asst.	M. Th. 9–9:30	607 F.	Livingston
Perrine, H. Asst.	Tu. Th. 10–11	308 E.	820 West End ave.
Perry, E. D. Prof.	M. W. 3–4	410 East	542 W. 114
Peterson, F. Prof.		P. & S.	20 W. 50
Pfister, J. C. Asst. Prof.	Absent on leave		240 16th ave., Newark
Phelps, Alice E. Tr.		H. M. S.	501 W. 120
Phelps, G. M. Clin. Asst.		V. C.	155 E. 79
Pitkin, W. B. Lect.	S. 2–3	417 L.	Dover, N. J.
Poffenberger, A. T., Jr. Asst.	M. W. 11–12	511 S.	Hartley
Pomeroy, C. H. Bursar of T. C.	Daily 9–4:30	102 T.	Livingston
Pool, E. H. Instr.		P. & S.	128 E. 64
Poor, C. L. Prof.	Th. F. 9:30	614 F.	4 E. 48
Poore, C. T. Assoc.		P. & S.	43 W. 53
Porterfield, A. W. Instr.	M. F. 11–12	114 B.	Livingston
Potter, N. B. Asst. Prof.		P. & S.	591 Park ave.
Pou, R. E. Clin. Asst.		V. C.	20 W. 50
Pratt, Isabelle L. Recorder of T. C.	M.–F. 10–12; 3–4; S. 10–12	107 T.	221 W. 104

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Pratt, Marion R. Exec. Sec. H. M. S.		H. M. S.	221 W. 104
Prescott, Harriet B. Sup. Lib.		L.	36 Gramercy Pk.
Prettyman, V. Prin. H. M. High Sch.	Absent on leave first half-year	H. M. S.	501 W. 120
Prévôt, M. Assoc.		612 Hv.	115 E. 30
Prince, J. D. Prof.	M. 1; W. 10	308 U.	Sterlington
Proben, C. I. Instr.		P. & S.	970 Lexington ave.
Prudden, T. M. Emer. Prof.			160 W. 59
Pumyea, P. C. Clin. Asst.		V. C.	139 W. 97
Pupin, M. I. Prof.			
Putnam, C. R. L. Dem.		P. & S.	121 E. 38
Rainforth, S. I. Clin. Asst.		V. C.	10 W. 61
Rautenstrauch, W. Prof.	Daily 4–5	507 E.	42 Morris, Yonkers
Reddick, H. W. Instr.	Tu. Th. 1	212 Hm.	Livingston
Redfield, H. S. Prof.	M. W. F. 4–5:30 Absent on leave second half-year	408 K.	1925 Seventh ave.
Reed, A. F. Tr.		H. M. S.	58 Morningside ave., E.
Reimer, Marie, Assoc. Prof.	Th. 1–2	438 B.	420 W. 118
Remy, A. F. J. Asst. Prof.	Tu. Th. 2–3	409 Hm.	222 W. 141
Reynolds, J. E. Assoc.	Tu. 5:30–6	9 K.	Cor. 64 & Central Pk., W.
Reynolds, W. S. Instr.		P. & S.	66 W. 71
Richard, E. D. Lect.			
Richards, H. M. Prof.	M. 11–12 Absent on leave second half-year	316 B.	
Robbins, Ida E. Tr.		H. M. S.	
Robbins, Mrs. Lulie W. Dir. Social Work, Sp. S.		Sp. S.	94 Lawrence
Robbins, Rev. W. L. Dean of Gen'l Theol. Seminary		175-9th ave.	1 Chelsea Sq.
Robinson, E. Dir. Met. Museum of Art			
Robinson, J. H. Prof.	Tu. Th. 9:30–10 Tu. Th. 2:45	601 K. 338 B.	567 W. 113
Rockwell, Bertha L. Lib'n Barnard College		B.	340 E. 142
Rockwell, Ethel E. Lib'n H. M. S.		H. M. S.	340 E. 142
Roff, A. W. Clin. Asst.		V. C.	68 W. 92
Rogers, G. S. Asst.	W. Th. 1–2	106 S.	292 Manhattan ave.
Rogers, Lillian E. Tr.		H. M. S.	502 W. 113
Rose, A. R. Asst.		P. & S.	420 W. 119
Rose, Mrs. Mary D. S. Asst. Prof.	W. 10–12	415 T.	420 W. 119
Rosenbloom, J. Assoc.		P. & S.	97 Central Pk., W.
Rübner, C. Prof.	Th. 10–11	607 M.	202 W. 103
Ruger, H. A. Asst. Prof.	M. W. 10; Th. 11	338 T.	405 W. 118
Runyon, E. W. Asst. Sec'y Coll. of Phar.		Phar.	15 W. 42
Rusby, H. H. Prof. and Dean Coll. of Phar.		Phar.	776 De Graw ave., Newark

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Russell, J. E. Prof. and Dean of T. C.	M.–F. 11–12	T.	500 W. 121
Russell, J. I. Instr.		P. & S.	601 Madison ave.
Russell, Martha M. Supt. Sloane Maternity Hosp'l		S. M. H.	
Ryder, G. H. Instr.		P. & S.	43 W. 50
Sachs, J. Prof.	M. W. 3; S. 10	229 T.	149 W. 81
Sait, E. M. Lect.	W. F. 11–12; F. 3–4	711 Hm.	421 W. 121
Sanford, Laura, Sec. Dept. Phys. Educ. T. C.		T.	415 W. 118
Saunders, T. L. Instr.		P. & S.	43 W. 50
Saville, M. H. Prof.	Absent on leave first half-year	507 S.	292 W. 92
Sawyer, C. P. Press Representative	Daily 4–5	323 U.	20 Vesey
Sayre, M. F. Asst.		406 E.	20 Avon ave., Newark
Schmitt, A. E. Instr.		P. & S.	123 E. 60
Schnepel, G. A. Clin. Asst.		V. C.	238 W. 106
Schulman, M. Instr.		P. & S.	229 W. 111
Schulte, H. von W. Asst. Prof.		P. & S.	176 W. 87
Schulze, H. H. L. Instr.	M. 10; F. 11	403 Hm.	129 Wadsworth ave.
Schüssler, Amy, Princ. Sp. S.		Sp. S.	558 W. 182
Schuyler, R. L. Lect.	M. W. 3–4	712 Hm.	520 W. 139
Schwartz, F. W. Lab. Asst.		409 Hv.	Hartley
Schwerdtfeger, O. M. Instr.		P. & S.	116 E. 60
Scott, G. A. Asst.		201 F.	Valley Place, Edgewater, N. J.
Scripture, E. W. Assoc.		P. & S.	87 Madison ave.
Seager, H. R. Prof.	Tu. Th. 2–3	514 K.	Greenwich, Conn.
Seaman, Emily C. Instr.		T.	511 W. 112
Seely, Bertha W. Sec. to Prin. of H. M. H. S.		H. M. S.	422 W. 119
Seibert, Jeannette R. Recorder T. C.		T.	490 Riverside Dr.
Seligman, E. R. A. Prof.	Tu. Th. F. 2–3	512 K.	324 W. 86
Sever, G. F. Prof.	Absent on leave	504 E.	620 W. 116
Severinghaus, W. L. Asst.	Tu. Th. 1–4	201 F.	505 W. 122
Shapleigh, Bertha C. Asst.		T.	
Shear, T. L. Assoc.		P. & S.	524 Riverside Drive
Shearer, L. H. Instr. and Dem.		P. & S.	449 Park ave.
Shepherd, W. R. Prof.			
Sherman, F. D. Prof.	M. W. F. 2–4	613 Hv.	158 W. 105
Sherman, H. C. Prof.	M. F. 11–12	509 Hv.	Hastings, N. Y.
Shotwell, J. T. Prof.	M. W. 1:15; W. 4	338 B. 602 K.	
Shrady, A. M. Instr.		P. & S.	135 W. 73
Shull, A. F. Asst.	M. W. F. 2–4	618 S.	Livingston
Siceloff, L. P. Instr.	M. W. F. 2–3	210 Hm.	
Sill, Ruth P. Instr.		T.	537 W. 121
Sillcox, Cecilia M. Asst.			
Silver, L. M. Asst.		P. & S.	103 W. 72
Simkhovitch, Mrs. Mary G. Assoc.		T.	
Simkhovitch, V. G. Assoc. Prof.			26 Jones

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Simpson, W. B. Clerk Coll. of Phar.	Daily 9–5	Phar.	79 No. Munn ave., E. Orange
Simpson, W. K. Prof.		P. & S.	952 Lexington ave.
Skarstrom, W. Instr.	Tu. Th. S. 9–10; M.–F. 5–5:30	Gym.	510 W. 124
Skinner, Edna L. Instr.		T.	Whittier
Sleffel, C. C. Instr.	M. W. F. 1–2	31 T.	195 Claremont ave.
Slichter, W. I. Prof.	M. W. 10–12; Tu. Th. F. 9–10	505 E.	431 Riverside Dr.
Sloane, W. M. Prof.	Absent on leave	704 Hm.	105 E. 69
Smeeton, Mary A. Asst.		T.	
Smith, Bessie G. Tr.		Sp. S.	Whittier
Smith, C. H. Instr.		P. & S.	2880 Broadway
Smith, C. S. Asst.		P. & S.	410 Plane, Newark
Smith, D. E. Prof.	Tu. Th. 10	212 T.	250 W. 88
Smith, E. R. Ref. Lib. Avery Library	Daily 2–5	Avery Library	118 W. 109
Smith, F. C. Clin. Asst.		V. C.	362 W. 57
Smith, G. M. Instr.		P. & S.	107 E. 70
Smith, H. Instr.		P. & S.	44 W. 49
Smith, Munroe, Prof.	W. F. 2–3	402 K.	169 E. 70
Smith, W. H. Lect.		T.	58 W. 11
Snyder, R. G. Asst.		P. & S.	567 Park ave.
Southard, Lydia, Instr.		T.	Whittier
Speranza, C. L. Prof.	M. F. 3:30	301 W.	120 E. 86
Spingarn, J. E. Prof.	M. W. F. 1:30–2	509 F.	9 W. 73
Stackpole, Caroline E. Instr.		T.	44 Church, New Rochelle
Stadtmuller, N. Prof.		P. & S.	132 E. 60
Starr, M. A. Prof.		P. & S.	5 W. 54
Steele, Roxana A. Tr.		Sp. S.	94 Lawrence
Steeves, H. R. Instr.			
Stein, J. B. Clin. Asst.		V. C.	126 W. 70
Steinhardt, I. D. Clin. Asst.		V. C.	160 W. 106
Stephens, Isabel, Tr.		Sp. S.	Whittier
Stetten, D. Instr.		P. & S.	1187 Madison ave.
Stevens, Romiett, Instr.		T.	130 Claremont ave.
Stewart, H. A. Asst. Prof.		P. & S.	526 W. 114
Stewart, Isabel M. Instr.		T.	420 W. 118
Stillman, A. Assoc.		P. & S.	35 E. 39
Stillman, R. G. Dem. and Asst.		P. & S.	120 W. 55
Stone, H. F. Prof.		404 K.	Englewood, N. J.
Stone, Theo. R. Tr.		H. M. S.	
Stoutenburgh, C. H. Tr.		H. M. S.	
Strayer, G. D. Prof.	Tu. Th. 10–11	217 T.	533 W. 124
Strong, A. M. Clin. Asst.		V. C.	250 W. 82
Strong, C. A. Prof.	Absent on leave		
Strong, O. S. Instr.		P. & S.	Livingston
Stuart, Florence, Tr.		H. M. S.	
Study, H. P. Tr.		H. M. S.	709 W. 170
Sturtevant, E. H. Instr.	Th. 10:10–11	340 B.	12 Sterling Pl., Edgewater, N. J.
Sumner, A. E. Assoc.		P. & S.	127 W. 58
Sutherland, Louise C. Instr.		T.	42 W. 116

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Suzzallo, H. Prof.	Tu. Th. 11	314 T.	501 W. 120
Swann, A. W. Asst.		P. & S.	135 E. 54
Swift, G. M. Assoc.		P. & S.	20 W. 55
Sykes, F. H. Director Technical Education and Prof.	Daily 11–12	T.	Lowerre Summit, Yonkers
Symonds, B. Lect.		P. & S.	32 Nassau
Tannahill, Sallie B. Instr.		T.	404 W. 115
Tassin, A. DeV. Asst. Prof.	M. W. 1:30–2	612 Hm.	16 Gramercy Pk.
Taylor, H. C. Instr.		P. & S.	32 W. 50
Taylor, J. W. Instr.	W. F. 10–11	611 Hm.	
Taylor, M. Tr.		H. M. S.	435 Riverside Dr.
Tenney, A. A. Instr.	M. W. 2:30–3	506 K.	421 W. 118
Terriberry, W. K. Dem.		P. & S.	129 W. 47
Terry, C. T. Prof.			
Thacher, H. C. Asst.		P. & S.	20 W. 50
Thacher, J. S. Prof.		P. & S.	20 W. 50
Thatcher, E. J. Instr.		T.	239 E. 19
Thomas, C. Prof.	Tu.–Th. 10–11	315 U.	468 Riverside Dr.
Thomas, C. W. Instr.	M.–F. 4–5; S. 9–1	510 E.	Warren ave., Palisade, N. J.
Thompson, Alice, Tr.		Sp. S.	
Thorndike, A. H. Prof.	M. W. 3–4	508 F.	Lowerre Summit Park, Yonkers
Thorndike, E. L. Prof.	M. W. 10–11; 2–3	329 T.	Montrose, N. Y.
Thurber, S. W. Instr.		P. & S.	104 E. 39
Thurston, E. D., Jr. Instr.	Daily 4–5	E.	617 W. 113
Tilney, F. Assoc.		P. & S.	161 Henry, Bklyn.
Tobey, Mrs. Evelyn S. Instr.		T.	195 Claremont ave.
Todd, H. A. Prof.	M. W. 12:30	308 W.	824 West End ave.
Todd, J. W. Asst.	Tu. Th. 9–10	511 S.	418 W. 124
Tombo, R. Jr. Asst. Prof. and Alumni Sec'y	Absent on leave first half-year		
Toms, Elizabeth I. Sec. to Supt. H. M. S.		H. M. S.	44 W. 128
Tower, J. E. Clin. Asst.		V. C.	443 Lexington ave.
Trent, W. P. Prof.	Th. 12:30–1	502 F.	279 W. 71
Trowbridge, C. C. Instr.	Daily 2–4	403 F.	433 Riverside Dr.
Tucker, S. A. Asst. Prof.	M. F. 9–4:30	102 Hv.	155 E. 61
Turnure, P. R. Instr.		P. & S.	55 W. 49
Tyson, H. H. Instr.		P. & S.	47 W. 51
Upton, C. B. Asst. Prof.	F. 4–5	212 T.	500 W. 121
Upton, Mrs. Siegried M. H. Tr.		H. M. S.	500 W. 121
Valentine, Laura, Social Worker and Asst. Lib'n, Sp. S.		Sp. S.	94 Lawrence
Van Amringe, J. H. Emer. Prof.			48 E. 26
Van Arsdale, May B. Asst. Prof.	M.–F. 10–11	T.	457 W. 123
Van Beuren, F. T. Jr. Instr.		P. & S.	812 Park ave.
Vander Bent, T. J. Sect.		T.	160 Fifth ave.
Vanderbilt, Sadie B. Instr.		T.	449 W. 123
Vanderburgh, F. A. Lect.	W. 11		53 Wash'n Sq.

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Van Hook, L. R. Assoc. Prof.		340 B.	618 W. 114
Van Pelt, J. V. Assoc.	M. Th. 4–5	381–4th ave.	126 E. 80
Van Wagenen, C. D. Clin. Asst.		V. C.	616 Madison ave
Vaughan, J. C. Dem.		P. & S.	117 E. 36
Vogel, K. M. Asst. Prof.		P. & S.	80 E. 55
Voorhees, I. W. Clin. Asst.		V. C.	3544 Broadway
Voorhees, J. D. Asst. Prof.		P. & S.	106 E. 60
Vorisek, A. Prof.		Phar.	115 W. 68
Vosburgh, A. S. Instr.		P. & S.	85 E. 56
Vulté, H. T. Asst. Prof.	W. 2–3	T.	33 Park ave., New Rochelle
Wadelton, Helen C. Recorder		421 L.	
Wadsworth, A. B. Asst. Prof.		P. & S.	114 W. 55
Walker, A. L. Prof.	M. W. 1–2	512 M.	Dongan Hills, S. I.
Walker, J. B. Prof.		P. & S.	33 E. 33
Walsh, J. J. Asst.		T.	509 W. 122
Ward, F. E. Assoc.	Th. 10:30–11:30	606 M.	477 W. 140
Ward, W. Instr.		P. & S.	447 W. 59 Milton, Mass.
Ware, W. R. Emer. Prof.		T.	Bronxville, N. Y.
Warner, L. A. Asst. Prof.	M. 11–12	602 Hv.	Woodcliff Lake, N. J.
Warren, C. P. Asst. Prof.		Sp. S.	200 Claremont ave.
Watkins, Mrs. Florence V. Tr.		614 F.	509 W. 124
Webb, H. W. Instr.	M. W. F. 10–11	136 B.	Brooks
Weeks, Mabel F. Assoc.	Tu. Th. 11–12		
Weeks, R. Prof.	M. W. F. 3–4; Tu. 10–11	111 B.	420 W. 18
Weick, C. W. Instr.		T.	507 W. 124
Weinstein, J. W. Clin. Asst.		V. C.	71 E. 96
Weir, R. F. Emer. Prof.			11 E. 54
Weiser, Lucy H. Tr.		H. M. S.	503 W. 121
Welker, W. H. Assoc.		P. & S.	518 W. 155
Wells, F. L. Lect.	Tu. Th. 11–12	512 S.	567 W. 113
Wendell, G. V. Prof.	M. W. F. 4–5	305 F.	25 Claremont ave.
Westcott, A. F. Instr.	Tu. Th. 2	608 Hm.	417 W. 121
Wheeler, Clara M. Tr.		H. M. S.	541 W. 123
Wheeler, Elizabeth H. Recorder Medical Faculty		P. & S.	437 W. 59
Wheeler, J. R. Prof. and Dean Fac. Fine Arts	M. W. 4	401 E.	433 W. 117
Wheelock, Mrs. Elizabeth M. Tr.		H. M. S.	500 W. 121 Grantwood, N. J.
Whitaker, F. P. Asst.			
Whitaker, M. C. Prof.	Daily 2–4	303 Hv.	174 Hawthorne ave., Yonkers
Whiting, C. A. Clin. Asst.		V. C.	70 W. 47
Whiting, J. R. Asst.		P. & S.	200 W. 56
Whitley, Mary T. Instr.		T.	416 W. 122
Whitman, R. Asst. Prof.		P. & S.	283 Lexington ave.
Whittemore, Laura B. Instr.		T.	8 Morningside ave., E.
Wilcox, H. B. Asst.		P. & S.	159 E. 70
Wile, I. S. Clin. Asst.		V. C.	230 W. 97
Williams, J. P. J. Asst. Prof.	M. Tu. W. F. S. 9:30–10	403 E.	227 Amity, Flushing
Williams, L. R. Assoc.		P. & S.	882 Park ave.
Williams, P. H. Instr.		P. & S.	222 W. 72
Williams, R. H. Tr.		H. M. S.	527 W. 124

NAME	OFFICE HOURS	OFFICE	RESIDENCE
Williams, W. R. Asst. Prof.		P. & S.	Hotel San Remo
Wills, A. P. Prof.	Tu. Th. 9:30–10:30	603 F.	25 Claremont ave.
Wilson, E. B. Prof.	Tu.–F. 9–10	608 S.	411 W. 114
Wimmer, C. P. Asst. Prof.		Phar.	115 W. 68
Winchell, Cora M. Instr.		T.	176 Elm ave., Mt. Vernon
Winchell, Florence E. Instr.		T.	176 Elm ave., Mt. Vernon
Winslow, C. E. A. Lect.		T.	
Witherell, F. W. Lect.	M. 11–12; Tu. 10–11	407 E.	39 Greenwood ave., Orange
Wittson, A. J. Clin. Asst.		V. C.	273 W. 73
Wood, Elvira, Curator	M. Th. 9–5	107 S.	417 W. 120
Wood, F. C. Prof.		P. & S.	200 W. 56
Wood, T. D. Prof.	M.–F. 9–10; S. 9–10; 2–3	T.	501 W. 120
Woodbridge, F. J. E. Prof.	M. W. 3–4	420 L.	Montrose, N. Y.
Woodhull, J. F. Prof.	Tu. 11 Absent on leave second half-year	413 T.	501 W. 120
Woodruff, I. O. Instr.		P. & S.	152 W. 78
Woodward, H. E. Tr.		H. M. S.	Livingston
Woodworth, R. S. Prof.	M. F. 11–12	409 S.	Montrose, N. Y.
Woolman, Mrs. M. S. Prof.	Tu. 9–9:30; Th. 5–5:30	114 T.	411 W. 114
Wright, E. H. Instr.	W. 4–5	201 W.	Livingston
Wright, Eleanor, Tr.		Sp. S.	94 Lawrence
Wye, Theodora E. Asst.		T.	
Yard, A. B. Asst.		P. & S.	28 W. 105
Yohannan, A. Lect.	W. F. 1–2	306 L.	321 W. 118
Young, C. H. Prof.	M. 2:30–4	404 East	312 W. 88
Young, Helen P. Sec. of Provost, Barnard Coll.		B	430 W. 111
Zanetti, J. E. Instr.	Tu. Th. 11–12	512 Hv.	Livingston
Zerbe, Margaret M. Instr.	Absent on leave first half-year	T.	

DIRECTORY OF STUDENTS

The italic letter following the name indicates the school in which the student is primarily registered—as follows:

c College
l School of Law
m School of Medicine
p School of Pure Science
ph School of Philosophy
pl School of Political Science
s School of Mines, Chemistry, and Engineering
b Barnard College
t Teachers College
f a Fine Arts (Architecture, Music, and Design)
phar School of Pharmacy

The numbers 1, 2, 3, and 4 preceding these letters indicate the class. The abbreviation *gr* indicates a graduate student in the professional schools, *nm* a non-matriculated student.

The names of women are printed in *italics*.

"Hartley," "Livingston," "Brooks," and "Whittier" refer to the University Residence Halls.

For names of students not in Directory, see Class lists in Annual Catalogue, and for addresses consult card index in Office of Registrar.

Abbott, F. B. *ph* 490 Seventh, Bklyn.
Abbott, M. B. p *413 W. Front, Plainfield, N. J.*
Abeles, B. 4 t *193 Second ave.*
Abelow, S. P. *pl* 464 Willoughby ave., Bklyn.
Abrahams, A. I. 4 *c* 67 E. 93
Acker, G. N., Jr. 1 *m* 112 W. 80
Acker, J. 4 *c* 2329 Seventh ave.
Ackerman, H. C. *ph* 175 Ninth ave.
Ackerman, S. B. 3 *l* 1265–49, Bklyn.
Ackerman, S. H., Jr. 4 *m* 742 Union, Bklyn.
Adams, A. 4 t *459 W. 123*
Adams, A. R. nm b *306 W. 86*
Adams, B. P. *ph* Livingston
Adams, E. S. gr t *524 W. 124*
Adams, F. D. ph *415 W. 118*
Adams, F. L. ph *Whittier*
Adams, L. 2 *m* 446 Central Park, W.
Adams, L. E. 1 b *366 Halsey, Bklyn.*
Adams, M. K. nm *537 W. 121*
Adams, M. P. *ph* 105 E. 22
Adams, S. W. 3 t *523 W. 121*
Adams, V. R. 4 t *421 W. 129*
Adee, D. D. 2 *m* 1479 Metropolitan ave., Bklyn.
Adelstein, M. 3 *c* 110 W. 86
Adikes, A. M. 1 b *Brooks*
Adler, B. M. 1 b *3609 Broadway*
Adler, H. 1 *c* 38 W. 89
Adler, H. 1 *m* 270 E. Houston
Adler, M. gr t *1443 Lexington ave.*
Adler, R. 3 t *457 W. 123*
Adlerblum, I. S. *pl* 1687 Bathgate ave.
Adlman, S. 2 *l* 11 W. 21
Aeschbacher, J. E. *pl* 600 W. 122
Agan, W. B. 3 *m* 267 Atkins ave., Bklyn.
Agne, H. G. *f a* 1337 Madison ave.
Agnew, G. G. 4 *c* 404 W. 124
Agnew, W. C., Jr. *f a* Hartley
Agramonte, P. H. 4 *s* 292 W. 92

Ahearn, T. J., Jr. 2 *c*
1050 Clay ave.
Ahearn, W. D. 3 *c*
755 E. Parkway, Bklyn.
Ahlers, B. H. 3 *s*
20 S. 8th ave., Rockaway Park
Albers, E. R. gr t
204 Clinton ave., Jersey City
Albert, A. A. 3t *532 W. 123*
Albert, M. 1 *c* 152 W. 121
Albert, O. W. *ph* 417 W. 120
Alden, Q. p
24 Waldron ave., Summit, N. J.
Alder, M. L. gr t
478 Washington ave., Bklyn.
Alexander, A. D. 2 *l* 604 W. 114
Alexander, H. 4 *m*
616 River, Hoboken
Alexander, H. L. 1 *m*
922 Summit ave.
Alexander, H. R. 2 *c* 604 W. 114
Alexander, J. W. *gr t* Bay Shore
Alexander, R. gr t *11 W. 118*
Alexander, R. J. 3 *c* 310 W. 94
Alexander, T. *gr t* Harrison
Alfke, E. V. 4 t *346 E. 29*
Allan, A. C. gr t *Whittier*
Allen, A. J. *gr t*
24 Sandford, East Orange
Allen, F. M. 4 *s* 429 W. 117
Allen, G. A. 3 t
62 S. Second ave., Mt. Vernon
Allen, G. M. *f a* 501 W. 122
Allen, H. B. 4 *s* Livingston
Allen, J. 3 t *Whittier*
Allen, J. A. 3 *l* 616 W. 113
Allen, M. 1 b *244 W. 104*
Allen, R. B. 1 *c* Manhasset, L. I.
Allen, S. T. 3 t *501 W. 120*
Allen, W. C. 1 *l*
35 S. Seventh ave., Mt. Vernon
Allentuch, M. 2 *s* 300 E. 143
Aller, S. L. nm t *431 W. 121*
Alles, R. H. *ph* 17 Lexington ave.
Allgeier, A. W. 3 t *515 W. 111*
Alling, F. A. 4 *m*
16 Park Pl., Newark
Allingham, G. 4 t *519 W. 121*
Allis, M. L. pl 16 Park Pl., Newark
Allison, C. D. sp b
265 Clinton ave., Bklyn.
Allison, G. E. 4 t *8 W. 92*
Allison, M. M. 1 *c* Hartley
Almand, A. W. 1 *s* 540 W. 113
Almand, J. P. *f a* 503 W. 111
Altarelli, C. C. *pl*
31 Manchester, Paterson
Altenberg, L. 1 *c* 1207–47, Bklyn.
Altenburg, E. 4 *c* 2803 Third ave.
Alterman, J. J. *3 l* 135 Eighth ave.
Altman, S. *pl* 47 Delancy
Altrocchi, R. *ph* Livingston
Altschuler, R. B. 2 *c* 627 W. 113
Alvino, J. F. 1 *l* 243 E. 38
Amano, S. *pl* 64 E. 133
Ammerman, S. L. *gr t*
1588 E. 12, Bklyn.
Amos, F. R. ph *Whittier*
Amy, H. L. 4 t *453 W. 123*
Ananieff, V. P. 3 *s* Hartley
Andersen, M. ph *Brooks*
Anderson, B. M., Jr. *pl*
1109 Amsterdam ave.
Anderson, F. D. A., 2 b *Brooks*
Anderson, F. D. 3 *l* 524 W. 124
Anderson, H. H. 2 *c* 604 W. 114
Anderson, J. C. *ph* 423 W. 118
Anderson, L. A. 3 t *417 W. 121*
Anderson, L. S. 4 b 318–43, Bklyn.
Anderson, M. F. 4 t *251 W. 133*
Anderson, M. P. p 2776 Decatur ave.
Anderson, N. A. A. 3 t *Whittier*
Anderton, W. P. 4 *m*
180 Madison ave.
Andrews, A. H. *phar*
Andrews, S. T. 1 b *45 E. 92*
Andrix, E. A. 3 t *534 W. 124*
Angell, D. B. 4 t *524 W. 134*
Angell, M. A. 3 *t* 1120 Bryant ave.
Annis, E. L. nm t
157 Congress, Bklyn.
Ansheles, J. *phar* Pt. Richmond
Anspacher, A. S. *ph* 73 W. 83
Anthony, E. W. pl *Whittier*
Appel, A. 3 *l* 82 E. 109
Appel, F. J. *ph* 32 W. 123
Applebaum, S. B. 2 *s*
1830 Marmion ave.
Appleton, L. E. ph *305 W. 121*
Archer, M. A. 4 t *Whittier*
Areson, C. W. *ph* Chelsea Sq.
Armstrong, A. *gr t* Dobbs Ferry
Armstrong, C. M. 3 t
Armstrong, D. B. 3 *m* 346 W. 57
Armstrong, E. H. 2 *s*
Armstrong, E. M. nm t *Whittier*
Armstrong, F. T. 3 *c* 565 W. 113
Armstrong, G. B. 3 t *Whittier*
Armstrong, N. V. 2 b
Upper Montclair, N. J.
Arnold, H. H. nm t *Whittier*
Arnold, Mrs. J. L. ph *237 W. 76*
Arnold, R. M. 1 *l* Hartley

Aronin, I. 2 *s* 812 E. 165
Aronowitz, G. 3 *m*
934 Myrtle ave., Bklyn.
Arthur, J. B. M. 1 *m*
758 West End ave.
Aschner, P. W. 3 *m*
111 Clark, Bklyn.
Ashcroft, C. V. gr t *154 W. 136*
Ashe, J. R. 4 *m* 548 W. 164
Askowith, D. pl *29 W. 119*
Astarita, M. W. *phar* 320 E. 26
Atkinson, C. R. 3 *c* 519 W. 123
Atkinson, Geoffroy 1 *m* 501 W. 120
Atkinson, G. 2 *s* 501 W. 120
Atkinson, L. S. 4 t
196 Berkeley Pl., Bklyn.
Atwood, W. G. *gr t* 21 Elm, Newark
Auerbach, J. G. 2 b *40 W. 77*
Augsbury, E. S. *p* 345 E. 15
Augur, M. A. 3 b
160 N. Maple ave., Greenwich
Augustine, A. E. 2 *s* 479 W. 152
Auten, M. 3 t *Whittier*
Avent, J. M. 4 *t* 901 Ogden ave.
Avery, E. P. nm t *15 Claremont*
Avery, W. 1 *c*
98 Second Pl., Bklyn.
Axman, L. H. 4 *c* 1229 Park ave.
Ayer, F. A. 4 *s* 500 W. 122

Baar, E. N. 2 *c* 552a Macon, Bklyn.
Babcock, E. L. 3 t *Whittier*
Babcock, H. S. 3 *s* 614 W. 113
Babcock, J. W. 2 *m* 202 W. 103
Bach, H. M. 4 *s* 2880 Broadway
Bach, M. G. *ph* 367 W. 116
Bach, R. F. *f a* 430 W. 118
Bacher, H. R. 1 *s* Bronxville
Bachrach, D. J. 2 *c* 64 E. 91
Bachrach, S. *pl* 154 W. 123
Backus, E. E. 4 t *501 W. 120*
Baco, I. V. 4 t *Whittier*
Bacon, H. E. ph *70 Irving Pl.*
Badanes, B. R. 1 b
24 Casco, Woodhaven, L. I.
Baer, S. 1 *c* 605 W. 156
Bagg, H. J. 1 *c* 611 W. 152
Bagnell, R. *ph*
268 Stuyvesant ave., Bklyn.
Bagnell, R. H. 3 *l* 429 W. 117
Bailey, W. B. 2 *c*
260 Hancock, Bklyn.
Bains, T. M., Jr. 4 *s* 411 W. 115
Bainton, W. L. 2 *c*
25 Morningside ave., E.
Baird, R. A. 4 t *417 W. 121*
Baird, R. D. 2 *l* 63 W. 83

Baker, E. W. 3 *m*
76 Hardenbrook ave., Jamaica
Baker, G. C. *gr t*
74 Jackson ave., Plainfield
Baker, H. D. 4 *c* 325 W. 108
Baker, J. A., Jr. 3 *c* 314 W. 88
Baker, W. E. 3 *c* 172 W. 107
Baker, W. P. *nm c*
10 St. Nicholas Terrace
Baldwin, B. J. *pl* Livingston
Baldwin, E. D. 2 *l* Livingston
Baldwin, M. 1 b
106 Lord ave., Bayonne, N. J.
Ball, D. S. 2 *c* 622 W. 113
Ball, D. W. nm t
27 Harrison, E. Orange, N. J.
Ballot, M. R. L. 2 b
913 President, Bklyn.
Ballou, M. A. nm t *701 W. 177*
Balmford, E. F. 2 b *509 W. 146*
Balsam, J. *f a* 609 W. 135
Bangs, F. N. 1 *l* 627 W. 115
Bangser, W. 3 *s* Livingston
Banks, H. P. 4 *s* 104 John
Barbee, C. C. *pl* 633 Livingston
Barber, H. L. gr t *Brooks*
Barber, J. M. 4 t *500 W. 121*
Barber, M. J. 1 b 210 Rodney, Bklyn.
Barber, T. H. 1 *l* 45 E. 68
Barber, W. H. 4 *m*
210 Rodney, Bklyn.
Barbero, G. 3 *s* Third ave. & 148
Barker, H. M. 2 *c* 558 W. 113
Barksdale, N. H. 3 t *Whittier*
Barmore, B. 3 t
12 Fairview ave., Orange, N. J.
Barnes, F. E. 1 *c* 487 State, Bklyn.
Barnes, H. *gr t* Livingston
Barnett, D. C. *ph* Livingston
Barns, N. L. 4 t *416 W. 122*
Barnwell, C. L. *f a* Tuxedo Park
Barr, J. H. *pl* 256 Palmetto, Bklyn.
Barr, L. E. gr t *417 W. 121*
Barr, S. 2 *c* 4 E. 113
Barraneo, M. 3 *t*
Barrett, A. A. 2 b *541 W. 142*
Barrett, G. H. 2 *c* 257 W. 86
Barrett, M. 3 b *Brooks*
Barrett, P. S., 3 *m*
511 Lafayette ave., Bklyn.
Barrett, T. H. 1 *s*
511 Lafayette ave., Bklyn.
Barrick, J. S. 1 b
243a Summit ave., Jersey City
Barrow, J. B. *gr t* 437–51, Bklyn.
Barry, C. E., Jr. 1 *s* 611 W. 156
Barth, E. A. 1 *c* 411 W. 114

Bartlett, G. 3 t *1245 Amsterdam ave.*
Bartlett, L. 3 t *Whittier*
Bartling, L. H. 2 b *150 W. 122*
Barnum, R. F. 1 *l* 616 W. 113
Bartley, M. A. 3 t *1046 Ogden ave.*
Bartos, E. E. 1 *s* 148 E. 121
Barwis, B. M. 3 t *417 W. 120*
Basseches, J. L. 2 *s* 180 Chrystie
Bassett, E. B. 3 t *507 W. 113*
Bassford, C. H. 1 *l*
44 N. 4, Newark, N. J.
Batchelor, M. 4 t *418 W. 124*
Bateman, F. H. *f a* 40 Irving Pl.
Bateman, G. 1 b *213 W. 34*
Bates, J. S. 3 *s* Livingston
Bates, L. T. 1 *l* 14 E. 60
Bates, T. S. *ph*
179 Marcy ave., Bklyn.
Batterman, M. J. 4 t
293 Decatur, Bklyn.
Batterton, F. P. nm b *315 W. 97*
Baum, A. L. 4 *s* 252 W. 128
Baum, H. A. *f a* 314 Madison ave.
Baum, M. 1 b *130 E. 115*
Baumeister, P. 1 *s*
2855 Bainbridge ave.
Baumeister, P. A. 3 *s*
402 Amity, Flushing
Baumer, C. J. 1 *s* Hartley
Baumer, H. P. 4 *c* Livingston
Baxter, K. H. 4 t *134 W. 88*
Bayern, F. J. 4 t *1386 Prospect ave.*
Beach, G. B. ph
Amsterdam ave. & 93
Beadle, J. B. 3 *s* 565 W. 113
Beal, G. D. *p* 418 W. 118
Beall, A. C. 2 b
Armour Villa Park, Yonkers
Beals, M. T. 3 t *537 W. 121*
Beam, J. C. 1 *s* Bogota, N. J.
Beck, A. M. 4 t
103-5 ave., New Brighton, S. I.
Beck, D. 3 *m* 9 E. 112
Beck, F. R. ph *520 W. 123*
Beck, P. M. 4 *c* Livingston
Becker, A. A. 3 *t* 1210–40, Bklyn.
Becker, P. F. 4 *s* 1722 Melville
Beckwith, A. J. 1 *c*
91 Wenfield, Bklyn.
Beckwith, E. W. 2 *m* East Orange
Beckwith, H. *pl*
1086 Amsterdam ave.
Beeckman, F. L. pl *141 W. 104*
Beehler, G. R. 2 *s* Hartley
Beemer, J. G., Jr. 2 *c* Yonkers
Beers, E. A. gr t *517 W. 171*
Beers, E. E. 1 b *Brooks*
Begeman, W. K. 3 *s*
41 Convent ave.
Behnken, E. L. 3 t *466–5, Bklyn.*
Behr, M. D. 4 t *605–3, Bklyn.*
Behr, N. M. 1 *l* Hartley
Beidleman, F. A. 1 *c*
907 St. John's Pl., Bklyn.
Belden, F. M. 3 *m*
272 Clinton ave., Bklyn.
Belknap, B. H. *nm s* Leonia, N. J.
Bell, A. L. L. 2 *c* Englewood, N. J.
Bell, D. W. nm t *East Orange*
Bell, J. E. 3 *s* 536 W. 114
Bell, M. B. V. 4 t
148 Bodine, W. New Brighton, S. I.
Bell, S. M. 3 *l* 618 W. 113
Bell, T. P. 2 *s*
938 St. Nicholas ave.
Bell, W. A., Jr. 4 *c* 627 W. 113
Bellinger, W. H. *nm c* 115 W. 91
Bellows, M. L. 3 t
112 Park ave., Yonkers
Bender, A. *p* Livingston
Bender, R. C. 1 *c*
342 W. Jersey, Elizabeth
Bender, S. 4 *c*
291 Stuyvesant ave., Bklyn.
Bendernagel, C. E. *f a*
89½ Division ave., Bklyn.
Bendick, A. J. *nm s* 409 Broadway
Benedict, L. E. W. ph *457 W. 123*
Benedict, M. T. 3 t
95 N. Broadway, Yonkers
Bennett, A. L. gr t
323 State, Hackensack
Bennett, A. L. 4 b *Brooks*
Bennett, F. M. ph
200 Claremont ave.
Bennett, G. G. gr t
184 Brooklyn ave., Bklyn.
Bennett, G. L. *gr t* Hackensack
Bennett, R. V. 3 *t* Hartley
Benson, A. B. *ph* Livingston
Benson, C. D. 3 *s* 255 W. 101
Bentkowski, H. C. 1 *s*
66 N. 7, Bklyn.
Bentley, J. E. 3 t
50 Morningside ave., W.
Benton, C. *pl* Livingston
Berg, H. J. 1 *s* 54 W. 115
Berg, W. 1 *c* 1071 Franklin ave.
Bergamini, J. V. W. *f a* 530 W. 124
Berge, F. O. 3 *l* 430 W. 118
Bergman, A. H. 1 *c*
259 Court, Bklyn.
Berinstein, B. 2 *l* 54 W. 118
Berk, W. L. 2 *c* 425–4, Bklyn.

Berkowitz, H. 4 *t* 798 Tremont ave.
Berlenbach, C. F. *f a*.
13 Stuyvesant ave., Bklyn.
Berliner, E. 1 *l* 612 E. 9
Berliner, L. M. 1 *c*
325 Central Park, W.
Berman, L. B. *nm c* 84 E. 109
Bernays, J. pl *121 W. 119*
Bernheim, A. L. 1 *c* 74 E. 79
Bernheimer, E. B. 3 t *Whittier*
Bernstein, A. 2 *c* 108 E. 96
Bernstein, B. 1 *c* 108 E. 96
Bernstein, B. 2 *c* 162 E. Broadway
Bernstein, J. S. 1 b *Brooks*
Bernstein, L. 1 *c*
751 Gates ave., Bklyn.
Berrian, G. 3 b *Spuyten Duyvil*
Berry, F. A. *f a* 520 W. 114
Bertrand, H. *nm* 565 W. 113
Besançon, B. E. 3 t
315 Traphaegen, W. Hoboken
Beshgetoorian, H. *f a* 467 Third ave.
Bessie, A. 4 *m* 542 W. 124
Betts, A. F. 3 t *Whittier*
Bettys, L. 3 t *143 W. 16*
Bevans, G. E. *pl*
Union Theological Seminary
Beveridge, H. S. 3 t *505 W. 122*
Beverley, B. S. 1 *s*
Bevier, M. 1 b
212 Berkeley Pl., Bklyn.
Beyer, B. J. *ph* 243 E. Broadway
Beyer, L. F. nm t *511 E. 117*
Beyermann, F. G. 2 *t* 412 E. 89
Bhadkamkar, P. P. 1 *c* Livingston
Bickel, P. J. 2 *l* Hartley
Bidstrup, G. 3 t *42 Jerome, Bklyn.*
Bidwell, A. T. ph *Whittier*
Bieber, P. D. 2 *l* 383 E. 8
Bigelow, M. H. 2 *l* 371 W. 119
Biglow, L. H., Jr. 3 *l*
1267 Pacific, Bklyn.
Bijur, H. 3 *l* 160 W. 75
Bildersee, A. ph *257 W. 92*
Bilhuber, E. A. 2 *s*
Binkley, L. T. 3 t *Whittier*
Binkley, R. 3 *t* 106 W. 85
Bird, H. E., Jr. 1 *s* 106 W. 75
Bird, J. M. 1 *c*
306 Fenimore, Bklyn.
Birkholz, G. B. nm t
287 Central ave., Orange
Birklé. P. F. *nm s* 51 E. 29
Bisch, L. E. 4 *m* 239 W. 105
Bishon, M. 1 *s*
296 Liberty ave., Bklyn.
Bishop, E. T. 2 *l* 198 Bleecker
Bishop, F. A. 4 b *500 W. 122*
Bishop, F. H. 4 *t*
507 Franklin ave., Nutley, N. J.
Bishop, F. W. 3 *m* 202 W. 103
Bishop, M. L. *p* 156 Halsey, Bklyn.
Bishop, S. H. 4 *c* 217 W. 133
Bissell, A. W. 2 *s* 431 W. 117
Bissell, C. H. 3 *l* 327 W. 89
Bissell, K. H. 1 *s* 46 W. 55
Bissell, P. St.G., Jr. 2 *l* 16 W. 40
Bitterman, A. 2 *c*
104 McLean ave., Yonkers
Blaber, J. T. 4 *c* 203–18, Bklyn.
Blackburn, L. P. p *324 W. 58*
Blackiston, H. 3 t *Whittier*
Blackman, E. 4 t *189 Claremont ave.*
Blackwell, J. M. 1 *c* Hartley
Blades, F. I. gr t *Whittier*
Blake, A. S. 4 t
80 St. James Pl., Bklyn.
Blakey, R. G. *pl* Hartley
Blan, L. B. *gr t* Port Richmond
Blanchard, H. F. 2 *s* 540 W. 113
Blankenstein, M. M. 4 t *503 W. 121*
Blaut, S. J. 2 *s* 331 E. 51
Blauvelt, H. G. 1 *c* Nyack
Blauvelt, M. E. *ph*
3 Robins Pl., Yonkers
Bleier, E. 3 *m* 915 Prospect ave.
Blinn, O. S. 3 *l*
496 Jefferson ave., Bklyn.
Bloch, H. 4 *c* 12 E. 97
Bloch, S. 4 b *552 W. 161*
Blodgett, E. 3 t *1046 Amsterdam ave.*
Blow, A. M. 2 *s* Livingston
Bluestone, E. M. 2 *c*
215 E. Broadway
Blum, I. 2 *l* Livingston
Blumborg, I. B. *gr t* 113–2
Blume, R. L. *phar* 80 E. 116
Blumenfeld, R. 4 *s* 508 W. 114
Blumenthal, A. S. 4 *s*
Maywood, N. J.
Blumgarten, S. L. 3 b
550 Ave. A, Bayonne
Boas, E. P. 1 *m*
Franklin ave., Grantwood, N. J.
Boas, H. M. p
Franklin ave., Grantwood, N. J.
Boas, P. E. 3 *c* 10 W. 88
Bobbé, S. S. 1 *c* 206 W. 131
Bodwell, H. E. p *Whittier*
Boegehold, H. L. nm t
120 N. Sixth ave., Mt. Vernon
Boegehold, W. D. 1 b
120 N. Sixth ave., Mt. Vernon
Boehringer, C. L. 4 t *Whittier*

Bohm, H. W. 1 *s* 129 E. 76
Bokshitzky, I. 3 b
381 Kosciusko, Bklyn.
Bokshitzky, M. E. 2 *c*
381 Kosciusko, Bklyn.
Bolduan, C. E. gr t
967 Lincoln Pl., Bklyn.
Bole, G. A. *p* 2203 Belmont ave.
Boman, J. S. *p* 1113 Lexington ave.
Bond, E. M. nm t
New Canaan, Conn.
Bond, V.H. nm t New Canaan, Conn.
Bonham, M. L., Jr. *pl* 419 W. 115
Bonnard, A. Y. 4 t
92 Prospect, Passaic
Bonnard, E. 4 t 92 Prospect, Passaic
Bonnlander, V. C. 2 *m*
1509 De Kalb ave., Bklyn.
Bonsib, R. M. 2 *s* Livingston
Bonsib, R. S. 2 *s* Livingston
Bonvicino, A. L. 1 *c*
7309 Third ave., Bklyn.
Bookwalter, J. S. *f a* 510 W. 124
Booth, E. 3 b 656 St. Nicholas ave.
Booth, M. L. 3 t *Whittier*
Borchardt, E. M. *pl* 352 E. 124
Borchardt, G. S. 3 b *352 E. 124*
Bortone, F. 3 *m*
Bosch, E. 3 *c* 411 E. 168
Bosch, J. A. 4 t *660 E. 163*
Boshart, E. W. 4 *t* 505 W. 122
Bostock, O. 4 t *Whittier*
Bostwick, J. O. gr t *Whittier*
Bostwick, S. W. 4 t
93 Valley Rd., Montclair, N. J.
Bosworth, M. B. 3 t *420 W. 119*
Bosworth, M. S. 3 t *435 W. 123*
Botsford, J. B. 1 *c*
28 Urban, Mt. Vernon
Bouham, M. L., Jr. *pl* 419 W. 115
Bourne, R. S. 2 *c* 557 W. 124
Boutwell, A. 3 t *627 W. 152*
Bowden, M. A. t *526 W. 114*
Bowdish, L. F. *gr t*
37 Kenilworth Pl.
Bower, S. C. 1 *s*
1307 Lexington ave.
Bower, S. E. 4 t *536 W. 143*
Bowers, W. P., 2d, 2 *l* 31 Nassau
Bowles, F. C. *pl* 529 W. 123
Bowling, O. S. 3 *l* 250 W. 112
Bowman, K. H. 3 *s*
Upper Montclair, N. J.
Bowman, L. R. B. nm t
104 Franklin ave., Mt. Vernon
Boyd, B. B. *f a* 531 W. 113
Boyd, D. S. 1 *l*
Boyd, H. A. *ph*
Union Theological Seminary
Boyd, I. E. 4 t *Emerson*
Boyer, H. D. 3 t *Emerson*
Boyle, C. A. 2 *s* 534 Trinity ave.
Boylston, E. J., Jr. 1 *s* 321 E. 169
Bradbeer, H. E. 3 b
149 E. Lincoln ave., Mt. Vernon
Braddock, W. H. 1 *m* 346 W. 55
Braden, O. *pl* 600 W. 122
Bradford, M. ph *505 W. 121*
Bradish, E. C. 4 t *Whittier*
Bradley, H. 4 t *Whittier*
Bradley, H. M. ph *419 W. 118*
Bradley, S. M. 3 *s* 618 W. 113
Bradner, R. D., Jr. *phar*
336 Clifton ave., Newark
Brady, J. C. 2 *s* 17 E. 129
Brady, M. gr t
94 Seventh ave.. Bklyn.
Brager, B. 1 *s* 126 E. 2
Brainerd, H. B. *f a* 135 E. 30
Brainin, C. S. *p* 1851 Madison ave.
Brainin, E. ph *1851 Madison ave.*
Brambach, A. 3 *s* Scarsdale, N. Y.
Brameman, L. L. 3 *t* Hartley
Bramwell, G. M. 2 *c*
435 Riverside Drive
Brancati, C. 2 *m* 2262 First ave.
Branch, R. L. 3 t *Whittier*
Brandon, H. C. *gr t* 401 W. 117
Brandt, R. C. 4 *c* 531 W. 113
Branner, J. K. *f a* Livingston
Brannigan, F. J. *phar* 509 W. 160
Brasted, H. S. 1 *m* 240 W. 15
Braun, F. A. ph 1240 Lexington ave.
Braus, L. 1 *c* 468 Riverside Drive
Braverman, L. 1 *n s* 19 Eldridge
Bray, C. B. 4 t *Whittier*
Bream, E. S. *ph*
Y.M.C.A. Bldg., Elizabeth
Breese, L. B. 4 t
127 S. Oxford, Bklyn.
Brehaut, E. *pl*
Breitenbach, J. M. *phar*
1136 Madison ave.
Breitenfeld, E. 3 *l* 221 E. 68
Brennecke, H. 1 *c* 168 W. 100
Brenner, A. B. 3 *c*
252 Carroll, Bklyn.
Brenner, M. 2 *l* 252 Carroll, Bklyn.
Brenner, S. *f a* 107 Second ave.
Brereton, S. L. *f a* Hartley
Brett, A. 3 t
194 Madison ave., Flushing
Brett, E. M. 3 t
194 Madison ave., Flushing

Brett, G. M. *p* Hartley
Brettell, C. 4 *s*
29 Meadow Lane, New Rochelle
le Normand de Bretteville, M. 3 t
Whittier
Brewer, M. D. pl *515 W. 122*
Brewster, A. D. ph *527 W. 124*
Brewster, J. A. *pl*
17 Lexington ave.
Bridges, C. B. 2 *c*
Briggs, R. W. 4 *s* Hartley
Bright, A. A. 2 *l* Livingston
Brill, A. A. *ph* 97 Central Pk., W.
Brill, I. C. 3 *c* 313 W. 117
Brim, C. J. 3 *m* 46 Walker
Brim, O. G. *gr t* 524 W. 124
Brimberg, J. 1 *s* 515 W. 125
Brisk, C. S. 2 *s* 530 W. 144
Bristol, A. E. 2 *l* Hartley
Brittain, M. 1 b
15 Livingston ave., Yonkers
Brittain, V. I. 1 b
15 Livingston ave., Yonkers
Brittain, W. M. *pl* 459 W. 123
Brock, A. J. 2 *c* 207 E. 71
Brock, R. E. 1 *c* 616 W. 113
Broderick, E. V. 3 *c*
31 Vineyard ave., Yonkers
Brodsky, H. 1 *l*
386 B'way, Bayonne
Brombacher, M. H. C., Jr. 2 *s*
94 W. 183
Broockmann, O. W. E. 3 *s*
Richmond Hill, L. I.
Brookes, D. E. 3 t *Whittier*
Brookmyer, I. L. 3 *t* Livingston
Brooks, A. E. 3 *c* 316 W. 53
Brooks, L. M. 3 t 1985 Prospect ave.
Brooks, R. W. 1 b *Harrison*
Brophy, F. P. 1 *s*
443 Hawthorne ave., Yonkers
Brothers, J. H., Jr. 1 *m*
62 James, Newark
Brown, A., M.D. 4 *t* 16 W. 65
Brown, A. G. 2 b *Brooks*
Brown, A. H. *pl*
Union Theological Seminary
Brown, A. K. 3 t *638–52, Bklyn.*
Brown, C. J. 1 *c* Great Neck, N. Y.
Brown, E. E. ph *Whittier*
Brown, E. J. 3 t *Whittier*
Brown, F. J. 1 *c* 158 W. 131
Brown, G. D. 2 b *556 W. 140*
Brown, G. L. 4 t *420 W. 119*
Brown, H. gr t *Whittier*
Brown, H. 4 b *Brooks*
Brown, H. S. 1 *l* Hartley
Brown, J. 4 b
Knollwood, White Plains
Brown, K. G. 1 b
743 Crotona Park, N.
Brown, M. R. nm t *Whittier*
Brown, R. M. 4 *m* 14 W. 60
Brown, S. 1 *l*
Brown, T. E., 3d, 3 *s*
112 Riverside Drive
Browne, M. E. p
1539 Pacific, Bklyn.
Browne, T. S. *f a*
130 Claremont ave.
Brownlee, R. B. *gr t* 345 E. 15
Brubaker, M. H. 3 *l* Livingston
Bruckheimer, R. M. 4 *m*
24 Mt. Morris Park, W.
Brundage, H. D. 4 *t*
2146 Honeywell ave.
Bruner, G. E. 4 t *534 W. 124*
Bruning, E. E. M. 4 t
317–73, Bklyn.
Bruno, A. 4 *c* 3200 Broadway
Bruno, Rev. J. *ph*
26 Olive, Bklyn.
Brunson, O. M. *p* Livingston
Bryan, E. H. 3 *t*
137 Essex, Hackensack
Bryce, C. E. nm b *1025 Fifth ave.*
Buchanan, H. 3 t *509 W. 122*
Bucher, J. F. *ph* 524 W. 124
Buchholtz, F. C. 1 *s* 155 Duane
Buchtenkirch, G. C. 1 *c* 228 E. 31
Buchtenkirch, W. E. 4 *s* 228 E. 31
Buck, A. *phar*
139 Irving ave., Bklyn.
Buckingham, B. R. *gr t*
46 Charles Pl., Elmhurst
Buckley, M. M. 3 t *Whittier*
Budington, E. G. *pl* 32 Nassau
Buemming, C. A. 4 t *501 W. 123*
Bugbee, E. ph *414 W. 118*
Bullion, H. J. 2 *l*
Bullock, C. M. 3 t *520 W. 122*
Bullwinkel, E. J. 2 *c* 614 W. 113
Bunce, E. F. 3 *t* Lodi, N. J.
Bunning, E. *ph* 1312 Findlay ave.
Bunzel, B. 3 b *300 Central Park, W.*
Bunzl, J. V. B. 2 *c* 121 E. 72
Bunzl, L. C. 1 b *121 E. 72*
Bunzl, M. E. 2 b *175 W. 72*
Buquo, H. 4 t
54 Morningside ave., E.
Buquo, J. gr t
54 Morningside ave., E.
Burch, M. U. 3 t
63 Caryl ave., Yonkers

Burfitt, L. R. G. 3 t *509 W. 122*
Burgess, E. C. 4 t *440 E. 26*
Burgess, E. L. 2 b *557 W. 124*
Burgevin, C. L. 1 b *Port Chester*
Burgi, H. 2 *s* 903 E. 139
Burke, A. 3 t *417 W. 120*
Burke, A. M. 4 b *Brooks*
Burke, F. W. 2 *s* 72 W. 71
Burkhard, W. E. 2 *s*
132 Stevens ave., Jersey City
Burkholder, H. 3 b *99 Macon, Bklyn.*
Burlingame, A. E. pl *420 W. 119*
Burne, E. 4 t *Douglaston*
Burnham, E. 4 t 416 W. 122
Burnham, E. *gr t* 617 W. 127
Burnham, R. W. *p*
1801 Dorchester Rd., Bklyn.
Burns, E. C. 4 t
162 Eighth ave., Bklyn.
Burns, F. 4 t *430 W. 122*
Burns, R. A. 4 b *Port Chester*
Burr, C. S. 3 *c* 542 W. 124
Burr, E. T. 4 b *211 Clinton*
Burr, G. L. 3 *s* Hartley
Burr, M. ph *415 Madison ave.*
Burris, V. W. *pl* Livingston
Burroughs, A. H., Jr. 2 *s*
616 W. 113
Burstein, A. 2 *c* 58 E. 116
Burton, E. pl *601 W. 148*
Burton, L. S. 3 t *Whittier*
Buscher, G. M. 3 t *Whittier*
Buseck, L. 3 t
Bush, A. M. *nm c*
1700 Pitkin ave., Bklyn.
Bushnell, E. 3 t *Whittier*
Bushnell, J. F. *ph* 600 W. 122
Bushong, A. M. ph
442–9, Bklyn.
Busick, M. 3 t *452 Manhattan ave.*
Butcher, W. F. 3 *s* 540 W. 113
Butler, C. A. 1 *c* 351 W. 114
Butler, H. H. *f a*
733 Lexington ave., Bklyn.
Butler, H. R. 4 t *346 W. 71*
Butler, L. C. 1 *l* 30 E. 72
Butler, M. E. 4 t *346 W. 71*
Buttenwieser, C. 2 b *233 Lenox ave.*
Butterworth, G. F., Jr. 2 *c*
104 E. 30
Butts, J. E. 2 *l* Livingston
Buzzolaro, J. 3 *l* Livingston
Byard, J. K. 3 *l* 155 E. 70
Byers, W. E. 3 *l* 360 W. 123
Byoir, C. R. 2 *l* Hartley
Byrne, J. 3 *m* 29 W. 61
Byrne, J. F. *nm c* 565 W. 113
Byron, O. 1 *s* Livingston

Cacicedo, L. 4 *s* 251 W. 129
Cady, L. B. 1 *m* 315 W. 89
Caffrey, W. S. 4 *t*
38 Morningside ave., Yonkers
Cahill, J. P. *t* 128 Grove
Cahill, M. F. 4 t *10 Beekman Pl.*
Cahill, R. R. 2 *l* 530 W. 123
Cahn, P. sp b *202 Riverside Drive*
Calahan, H. A. 3 *c*
215 Cumberland, Bklyn.
Calder, N. L. 2 *s* Hartley
Caldwell, G. D. 2 *c* 417 Convent ave.
Caldwell, H. H. *ph* Livingston
Calhoun, H. G. 1 *l* 524 W. 123
Calhoun, O. G. 3 *l* Livingston
Callan, A. M. 4 b *816 E. 176*
Callan, E. J. 1 *m* 26–2, Bklyn.
Callaway, T. T. 3 t *Whittier*
Calman, A. S. 4 *m* 149 E. 103
Calvelli, E. *phar* 305 E. 112
Calvelli, G. *phar* 2170 Second ave.
Camen, S. 1 *c*
188 Christopher ave., Bklyn.
Cameron, E. nm b
155 Fourth ave., Newark
Cameron, W. S. *p* 239 W. 136
Campbell, E. M. 3 t *527 W. 121*
Campbell, F. L. ph *500 W. 121*
Campbell, V. H. 3 t
Lowerre Summit Park, Yonkers
Campbell, W. M. 1 *c* 543 W. 141
Campion, G. N. 1 b *261 W. 23*
Candela, R. *f a* 619 E. 16
Canfield, L. H. *pl* 486 W. 136
Canfield, L. M., Mrs. 3 t *486 W. 136*
Cann, J. Y. pl
Cannon, E. T. 3 *s* 614 W. 157
Caples, E. J. ph *540 W. 122*
Caplow, S. N. 4 *t* 146 W. 99
Capron, E. L. 4 t *Verona, N. J.*
Capron, E. L. 3 t *502 W. 149*
Capron, F. E. pl *502 W. 149*
Carber, F. H. 3 *m* 936 West End ave.
Carden, G. C. nm t *67 Riverside Dr.*
Carey, E. F. *ph*
Union Theological Seminary
Carlin, J. F. 1 *l*
270 Washington ave., Bklyn.
Carlisle, J. H. 2 *m* 231 W. 69
Carman, M. C. nm b
602 Crescent ave., Plainfield, N. J.
Carman, M. I. 1 b
283 Madison ave., Flushing
Carmel, W. J. 2 *s*
611 Willoughby ave.

Carner, S. 2 *s* 450 Grand
Carney, C. T. 3 *s* Hartley
Carpenter, F. R. 3 t *527 W. 121*
Carr, C. E. 2 *m* Bayonne
Carr, E. Q. 1 *l* 831 Carroll, Bklyn.
Carr, F. C. 2 *m*
917 Boulevarde, Bayonne, N. J.
Carriel, C. A. *nm t* 600 W. 122
Carrington, S. T. 4 t *412 W. 115*
Carris, L. H. *pl*
Burnet St. School, Newark
Carroll, C. A. *ph*
583 Riverside Drive
Carroll, J. E. 1 b *508 W. 114*
Carroll, J. J. 1 *s*
Carroll, J. W. 2 *c*
76 Morningside ave., W.
Carroll, R. 3 b *Brooks*
Carse, E. gr t *129 E. 30*
Carter, J. G. ph.
426 Central Park, W.
Caruso, C. W. 4 *c*
11 Garside, Newark
Caruthers, A. W. 2 *s* Hartley
Casale, J. B. 2 *m*
98 Bloomfield, Newark
Casale, J. E. *f a* 1892 Daly ave.
Case, A. T. pl *309 W. 91*
Case, B. C. *ph*
Union Theological Seminary
Case, R. C. 2 b *Brooks*
Cassasa, C. S. B. 3 *m*
46 East ave., Long Island City
Cassedy, M. 1 b *511 W. 112*
Cassel, T. 4 t *114 W. 126*
Cassidy, F. M. 4 t *500 W. 122*
Cassidy, J. C. 2 *s* 503 W. 160
Castell, G. O. 2 *l* 2508 Broadway
Castritsy, G. P. *ph* 230 W. 95
Caswell, E. T. 4 *s*
7 Toledo ave., Elmhurst
Catacouzinos, J. A. 2 *l* 453 W. 47
Cathcart, E. L. *f a* Hartley
Catlin, Mrs. C. pl *215 E. 15*
Cattell, E. nm t *Whittier*
Cattell, McK. *nm c*
Cawein, O. 1 b *1301 Wilkins ave.*
Cazin, A. gr t Upper Montclair, N.J.
Celler, E. 2 *l*
838 Greene ave., Bklyn.
Cerow, G. A. 3 b *503 W. 175*
Cesario, F. 1 *c*
Chaffee, C. E. 3 t
Lowerre Summit Pk., Yonkers
Chaim, H. I. 3 *t* 459 E. 148
Chamberlain, A. E. *ph*
Union Theological Seminary
Chan, C. Y. 1 *s* Hartley
Chan, Y. Y. 2 *c* Livingston
Chanalis, M. N. 3 *l* Livingston
Chandler, C. P. 2 *m* Livingston
Chang, P. C. 1 *c* 419 W. 121
Chapin, F. S. *pl* Hartley
Chapin, K. G. ph *11 W. 49*
Chapin, M. T. 3 t *517 W. 121*
Chapin, W. B., Jr. 1 *c* 232 W. 101
Chaplin, H. 2 *m* 231 W. 69
Chapman, G. ph
Chapman, R. F. 1 *c*
3603 Broadway
Chase, C. H. 1 *c* Hartley
Chase, L. A. 3 *l* 35 W. 64
Chase, M. L. p *417 W. 120*
Chatham, J. L. 2 *s* 419 W. 115
Chazal, P. M. *p* Hartley
Cheesman, D. H. 2 b *505 W. 112*
Chen, S. K. *pl* Hartley
Chen, T. H. *ph* Hartley
Cheney, C. O. 4 *m* 1215 Vyse ave.
Cheney, G. A. *nm c*
292 Manhattan ave.
Chenoweth, I. S. *pl* 600 W. 122
Cherry, E. N. 1 b
1217 Ditmas ave., Bklyn.
Cherry, W. A., Jr. 4 *s*
Chidsey, H. R. *pl.*
Union Theological Seminary
Chien, H. T. *gr t* 416 W. 118
Child, D. K. 2 b *351 W. 119*
Child, H. T. *f a*
209 Clinton, Bklyn.
Child, M. B. 3 t *Ridgefield Pk., N. J.*
Childs, C. S. *pl* 184 Eldridge
Childs, E. L. 3 t *Whittier*
Childs, S. H. 4 *c*
362 Riverside Drive
Chilian, S. A. 4 *m* 1238 Third ave.
Chipkin, I. S. 2 *c* 519 E. 11
Chipman, H. E. H. 4 *m* Hartley
Chittick, V. L. O. *ph* Livingston
Chotzinoff, S. *f a* 217 Henry
Chow, K. C. 2 *s* Hartley
Christian, M. K. 4 t *Whittier*
Christianson, A. O. 4 t *411 W. 115*
Christie, C. I. 2 *s* 177 W. 95
Chu, C. *pl* 225 E. 31
Chun, Y. S. 1 *s* Hartley
Church, I. W. 3 *l* Livingston
Church, L. M. 4 t *419 W. 121*
Chute, M. H. 4 t *Arlington ave.*
Chute, S. J. 3 *s* 635–11, Bklyn.
Cilley, L. H. 3 t *49 W. 9*
Cirino, A. 4 *t* Hartley
Civic, M. 2 *l* 19 W. 115

Claghorn, J. L. 3 *s*
435 Riverside Drive
Clancy, G. C. 3 *l* 530 W. 122
Clapp, E. R. ph *142 E. 18*
Clark, D. L. *f a* Hartley
Clark, E. H. p *Brooks*
Clark, F. 4 t *430 W. 118*
Clark, G. E. 3 *t* 522 W. 136
Clark, L. M. ph *420 W. 119*
Clark, M. H. 1 t *Westfield, N. J.*
Clark, M. S. 1 b
17 Landscape ave., Yonkers
Clark, O. B. 505 W. 143
Clark, R. M. ph *501 W. 121*
Clark, S. M. 4 *s*
427 Franklin ave., Bklyn.
Clark, W. E. 3 *t*
538 Maple, Richmond Hill
Clarke, A. C. *nm s andp*
101 W. 109
Clarke, H. E. *gr t*
Union Theological Seminary
Clarke, J. V. 1 *c*
201 and White Plains ave.
Clarke, J. 3 *s*
49 Garden Pl., Bklyn.
Clarke, R. 2 b *Brooks*
Clarke-Smith, L. ph *80 B'way*
Class, J. L. 1 *c* 400 W. 261
Clawson, J. M. 4 t *503 W. 121*
Clayton, S. L. 3 t *417 W. 120*
Cleary, N. 1 *s* 64 E. 128
Clemens, M. A. 1 *t* 5 W. 125
Clement, A. A. 4 t
30 Pinehurst ave.
Clements, L. E. 4 t *Whittier*
Clifton, W. L. *p l* 218 W. 59
Clinch, H. T. *f a* 133 W. 121
Clinch, M. L. 1 b
161 E. Sidney ave., Mt. Vernon
Clingen, A. V. D. 1 b *244 W. 101*
Close, P. W. *f a*
248 Hancock, Bklyn.
Cloud, C. B. 2 *s*
1282 Herkimer, Bklyn.
Clough, A. N. *f a* 507 W. 113
Clow, T. A. 3 t *507 W. 111*
Cloyd, G. ph *417 W. 120*
Clyne, H. H. 2 *c* 135 Hamilton Pl.
Coad, O. S. *ph* 723 Hartley
Coates, A. A. 2 *c* 500 W. 114
Coates, S. A. 4 t *501 W. 121*
Cobb, F. C. 2 *s* 108 W. 84
Cobb, J. L. 4 *m* 346 W. 57
Cobb, W. F. 4 *m* 48 W. 128
Cobden, R., Jr. 4 *s*
435 Riverside Drive
Coblenz, A. *ph*
580 Marcy ave., Bklyn.
Cocco, M. A. 3 *s* 110 W. 123
Cochrane, E. M. sp b
137 Rich ave., Mt. Vernon
Cody, T. H. 2 *l* Hartley
Coffey, A. L. 4 t *Whittier*
Coffin, F. J. H. *pl* Chelsea Sq.
Coffin, L. A., Jr. 3 *c* 156 W. 58
Coffman, L. D. *pl* 515 W. 124
Cohee, O. J. *pl*
Union Theological Seminary
Cohen, D. C. 1 *c* 253 W. 111
Cohen, E. F. 2 *s* 253 W. 112
Cohen, G. L. 2 *l* 100 W. 139
Cohen, H. M. *ph* 531 W. 123
Cohen, I. 4 *m* 1082 Anderson ave.
Cohen, J. 3 *t* 997 Union ave.
Cohen, J. G. 2 *l* 308 W. 113
Cohen, L. 3 b *73 W. 30, Bayonne*
Cohen, M. ph *400 E. 145*
Cohen, M. J. 1 *s* 132 W. 113
Cohen, P. 1 *t* 171 Norfolk
Cohen, S. 1 *c* 50 St. Mark's Pl.
Cohen, S. M. *ph*
5622 Fourth ave., Bklyn.
Cohn, C. 1 b *214 W. 132*
Cohn, C. I. 1 *c* 3810 Broadway
Cohn-McMaster, A. M. *ph*
2018 Fifth ave.
Coit, K. 3 t
36 Hillside ave., Englewood
Colas, N. 3 *s* 148 W. 65
Colburn, A. B. 4 t *Whittier*
Colburn, M. P. ph *Whittier*
Colby, E. 3 *c* 2013 Fifth ave.
Colby, F. ph *229 W. 130*
Colcord, J. C. nm *330 W. 28*
Cole, A. nm t
582 Penn. ave., Elizabeth
Cole, C. A. 2 *c* Hartley
Cole, H. D. 2 *c* 140 W. 96
Cole, H. T. 4 *s* Hartley
Coleman, C. L. 3 t
118 Archer ave., Mt. Vernon
Coleman, K. R. 4 t
859 Lexington ave.
Coleman, P. *ph*
Broadway Central Hotel
Coleman, W. C. *pl*
Broadway Central Hotel
Colla, C. 2 b *3603 Broadway*
Collica, J. D. C. 2 *m*
172 W. Houston
Collier, E. B. ph
193 Joralemon, Bklyn.
Collins, E. M. 4 t *505 W. 122*

Collins, M. S. 4 t *416 W 118*
Colp, R. 2 *c* 5 Charlton
Colquhoun, W. W. 1 *s* Hartley
Colver, F. B. 1 *l* Tenafly, N. J.
Colvin, D. L. *pl*
1161 Amsterdam ave.
Combes, A. C. 4 *m*
20 Elmhurst ave., Elmhurst
Comes, L. 2 b 151 Park, Hackensack
Comin, R. *gr t*
40 N. Beech, Richmond Hill
Compton, A. D. *ph*
2 St. Nicholas Ter.
Compton, G. B. 2 *l*
181 Claremont ave.
Comstock, C. R. 3 *m* Livingston
Condon, J. C. 3 t
Condon, K. F. nm t
Cone, E. W. ph *70 W. 59*
Conger, T. 3 t *51 N. 11, Newark*
Conkey, O. F. 3 *m* 135 E. 42
Conklin, C. S. 1 *m* Ansonia, Conn.
Conkling, R. S. 3 *l* Livingston
Conlon, K. T. 1 t
Conn, J. E. *pl*
Connell, J. W. *ph*
455 E. Fourth, Bklyn.
Conner, B. F., Jr. 4 *s*
106 Barbey, Bklyn.
Connolly, J. F. 3 *t* 612 W. 184
Connolly, W. F. 3 *s*
11 Clifton Ter., Weehawken
Conrow, S. B. p *527 W. 123*
Conroy, J. G. 1 *l*
277 Stratford Rd., Bklyn.
Conroy, M. S. 3 b
26 Townsend ave., Stapleton
Consalus, F. H. gr t *229 W. 115*
Content, H. A. 3 *l* Hartley
Conway, J. H. 2 *c*
65 Halsey, Astoria
Cook, E. C. ph *Whittier*
Cook, E. C. *gr t* 76 W. 103
Cook, H. P. 2 *s*
44 Morningside, W.
Cook, W. B. 4 *t*
Cooke, B. U. *f a* 417 W. 114
Cooke, H. L. 4 t *Lowell*
Cooley, L. A. (Mrs.) nm b
60 Wall
Coombs, H. C. 4 b 43a Post, Yonkers
Coope, G. F. 1 *s*
Cooper, C. G. 4 *t* Livingston
Cooper, F. B. *p* Livingston
Cooper, F. S. 3 *m* 330 W. 58
Cooper, I. R. nm t
116 & Seventh ave.
Cooper, I. S. nm t *503 W. 121*
Cooper, M., Jr. 2 *c* 987 Madison ave.
Cooper, N. 3 t *419 W. 121*
Cooper, N. E. 3 t *Whittier*
Copeland, R. 3 *l*
628 Washington ave., Bklyn.
Corbett, F. J. 3 *l* Livingston
Corbett, M. nm t *3 Gramercy*
Cornbrooks, M. E. 3 t *Whittier*
Cornelissen, J. 1 *s*
739 Carroll, Bklyn.
Cornelius, C. L. 1 *l* Livingston
Cornell, L. E. 3 t *520 W. 122*
Cornwall, H. F. 3 *s* Hartley
Corrigan, M. A. 1 *c*
1028 Jackson ave.
Corry, R. T. 2 *m* 3703 Willett ave.
Corsa, H. P. 4 *s* 209 W. 108
Corwin, H. E. 1 *c* 558 W. 113
Corwin, M. E. 3 t *Whittier*
Cosgrove, P. 3 t *51 E. 30*
Costello, C. H. C. 1 *s* 400 W. 118
Costello, H. M. C. 1 *s* 400 W. 118
Cotter, L. H. 1 *c*
Couch, D. H. *nm s* Hartley
Coughenour, W. C. 1 *l* 419 W. 115
Coulter, C. B. 2 *m* Livingston
Courtice, W. N. *ph*
Union Theological Seminary
Courtney, A. W. *ph* 134 W. 11
Coutant, R. *pl*
6 Morningside ave., E.
Covello, L. 4 *c* 447 E. 116
Covey, F. H. C. 3 *t*
904 Lexington ave.
Covey P. B. 2 *s* 219 W. 125
Cox, G. B. *ph*
General Theological Seminary
Cox, R. G. *p* 416 W. 118
Cox, W. C. 2 *c* 295–15, Bklyn.
Coy, G. V. 3 t *Whittier*
Coykendall, G. B. 1 *c*
292 Manhattan ave.
Coyle, M. B. T. 3 b *457 W. 123*
Craddock, C. E. 2 b *420 W. 121*
Craft, L. V. R. 1 *s* 920 Kelly
Crafts, L. L. gr t *Whittier*
Craighead, H. W. 4 t *403 W. 115*
Crampton, W. D., Jr. 1 *c* Hartley
Crandall, M. 4 t *431 W. 121*
Crandell, H. H. 3 b *415 W. 51*
Crane, A. E. 3 t *Whittier*
Crane, A. L. 1 *c* Hartley
Crane, C. G. 3 *m*
73 Sherman ave., Newark
Crane, M. L. 4 t
21 Benson, Bloomfield, N. J.

Crane, W. R. 3 *m* 359 W. 57
Cranston, H. R. 3 t
46 Irving, Ridgewood
Crater, J. F. 1 *l*
Crawford, G. C. *p* 519 W. 152
Crawford, M. H. 3 t *Emerson*
Creamer, W. A. 1 *s*
281 Winthrop, Bklyn.
Crecraft, E. W. *pl* Hartley
Criado, R. F. 2 *l* 616 W. 116
Crich, M. V. 3 t *419 W. 121*
Crisman, B. M. 4 t *Whittier*
Crispell, R. B. 1 *l* Livingston
Cristy, E. 4 t *607 W. 139*
Crittenden, B. P. 2 *s* 608 W. 113
Crockett, W. G. *phar* 152 W. 66
Cronan, F. J. 4 t *69 W. 104*
Cropsey, M. H. 4 t 237 W. 82, Bklyn.
Crosby, E. 3 t *Whittier*
Crosby, H. M. 2 b *604 W. 146*
Crouze, A. P. 4 *c* Bayside
Crouze, H. P. 1 *c* Bayside
Cru, R. L. *ph* 431 W. 121
Crumb, H. A. 4 t *Whittier*
Cuddeback, A. M. ph *503 W. 121*
Culler, A. J. *ph* 600 W. 122
Culler, E. A. *ph*
Union Theological Seminary
Culman, F. 2 *c* 476 W. 143
Cumming, C. G. *ph*
Union Theological Seminary
Cummings, A. R. 3 *c*
193 Berkeley Pl., Bklyn.
Cummins, M. F. nm t *203 E. 61*
Cunningham, F. L. 2 *l*
46 Hamilton Pl.
Currier, H. J. 4 b *330 W. 28*
Curry, V. E. 1 *c* Hartley
Curtice, E. M. 1 b
428 Fulton, Jamaica
Curtis, C. L. K. 3 t *500 W. 121*
Curtis, H. L. 4 t *Whittier*
Cusack, G. C. 3 b
611 Putnam ave., Bklyn.
Cutler, C. W., Jr. 3 *m* 135 W. 76
Cutting, V. W. 3 *l* 550 W. 114

Daghlian, G. K. *p* 507 W. 124
Dahman, W. W. 2 *c* 540 W. 113
Dakin, C. H. 2 b
93 Harrison ave., Port Richmond
Dale, J. ph *120 W. 116*
Dale, J. E. 1 b *566 Walton ave.*
Dalton, A. T. 4 t *523 W. 121*
Daly, C. A. *pl* 125 W. 138
Daly, C., Jr. *nm t* 557 W. 124
Daly, M. R. 3 t *Little Neck, N. Y.*
Dampman, S. B. 3 t *422 W. 115*
d'Amato, O. 1 *c* 455 E. 117
Dana, H. M. 2 b *Tarrytown*
Dana, I. B. 3 t *Whittier*
Danforth, C. 3 t *175 W. 72*
Daniel, W. W. ph 195 Claremont ave.
Danzig, S. 1 *c* 124 W. 112
Darlington, G. S. B. 2 *c*
80 S. 10, Bklyn.
Darlington, H. V. B. *pl*
175 Ninth ave.
Darnton, M. C. ph *202 W. 74*
Dart, E. R. 4 t *Whittier*
Dashiell, J. F. *ph* 523 W. 124
Dauth, G. W. *nm t* 368 W. 117
Davenport, F. A. 3 t *Whittier*
Davenport, H. 1 *l* Livingston
David, W. F. 1 *l*
Davidow, L. H. 2 *l* 55 W. 87
Davidowitz, H. S. *ph* 236 Cherry
Davidson, M. E. S. 3 t
31 Third, Weehawken
Davidson, P. J. 4 t *Whittier*
Davies, T. *ph* 432 W. 20
Davimos, H. T. 2 *l*
236 Harrison ave., Harrison, N. J.
Davin, E. J. 3 *m* 117 W. 76
Davis, A. pl *Whittier*
Davis, A. E. p *130 W. 104*
Davis, A. G. 3 *c* 141 W. 76
Davis, E. L. ph *422 W. 115*
Davis, E. R. 1 b *66 E. 86*
Davis, H. E. 3 t
100 Morningside ave., W.
Davis, I. G. *f a* 770 Dawson
Davis, M. A. 4 t *417–421 W. 120*
Davis, M. H. D. 4 t *Whittier*
Davis, M. L. 4 t *Whittier*
Davis, S. C. 1 b *Whittier*
Davis, S. E. p *512 W. 132*
Davis, W. H. *f a* 66 E. 86
Dawkins, S. M. 3 *l* 246 E. 34
Dawson, F. T. 1 *m* Hartley
Day, G. A. 4 t *Whittier*
Day, L. L. 3 t
55 Hollywood ave., E. Orange
Deacon, E. M. 3 b *502 W. 143*
de Aguero, M. E., Jr. 3 *c* 294 W. 92
Dean, F. 3 *l* 44 Fifth ave.
Dean, R. C. *p* 430 W. 118
Dean, T. 1 *l*
Debon, A. J. 4 *m* 363 W. 55
Decker, N. P. *nm t* 419 W. 121
Decker, S. S. 4 t
100 Morningside ave., W.
De Con, M. ph
158 Summit ave., Jersey City

De Cordes, A. L. 1 *s* 101 W. 109
Dederick, W. M. 3 *c*
11 Erie, Elizabeth
Deere, G. D. *gr t* 530 W. 123
Deevey, E. S. *gr t*
Deffaa, G. C. *phar*
Degavre, M. 4 *c* 558 W. 113
de Hierapolis, G. S., Jr. 4 *s*
180 Quincy, Bklyn.
Deiser, N. A. 4 *s* 201 Keap, Bklyn.
De la Flor, V. G. *ph*
de Lagerberg, L. G. *f a* Hartley
Delaney, W. J. *gr t* 129 W. 138
Delany, M. J. ph *530 W. 179*
Delavina, F. V. 2 *l*
de Lima, E. A. 4 t *58 W. 87*
De Luca, G. B. 2 *l* 701 E. 219
Demarest, B. nm t
Spring Valley, N. Y.
Demarest, I. C. *ph*
Hackensack, N. J.
Demarest, M. C. p. Nanuet, N. Y.
Demarest, T. F. nm t *Whittier*
De Matteo, F. 1 *m*
185 York, Bklyn.
Deming, J. L. *pl* New Haven, Ct.
Demorest, Wm. J. 4 *s* 173 W. 93
Dempsey, F. 4 t
301 St. Nicholas ave.
Demuth, F. W. 1 *c* 204 W. 36
Denike, A. M. 4 b
22 Hamilton Ter.
Denman, O. M. 4 t *523 W. 121*
Denniston, H. P. 2 *m*
115 S. Elliott Pl., Bklyn.
Denniston, M. 3 t *430 W. 119*
Denny, G. G. gr t *417 W. 121*
De Passe, A. B. 4 *m*
1098 Franklin ave.
De Pew, P. H. 2 *c*
Derby, J. L. 2 *l* 925 Park ave.
Deschere, H. 2 *s* Hartley
Deschere, P. R. 4 *s* Hartley
Deshel, M. C. 3 *t* 646 E. 183
De Silver, A. 1 *l*
43 Pierrepont, Bklyn.
Dessar, A. G. 2 b *238 W. 72*
Deutsch, E. ph
1667 Washington ave.
Deutsch, J. 4 t *1319 Clay ave.*
Deutsch, S. C. 4 *c* 77 W. 82
de Villeneuve, P. 2 *s* Livingston
Devlin, F. B. *pl* 128 Madison ave.
de Vries, A. nm t
90 Morningside ave., W.
Dewey, E. 3 b *49 St. Nicholas Ter.*
de Wilton, R. L. *ph* 362 W. 118
Dexter, G. W. *f a* Palisade, N. J.
Diaz de Villalvilla, M. C. 2 b
111 E. 19
Diaz, M. 3 *s* Livingston
Dickenson, E. H. 2 *s*
65 Central Park W.
Dickie, D. P. 2 *c*
17 Schermerhorn, Bklyn.
Dickie, F. E. 2 *s* Livingston
Dickinson, D. P. 3 t
680 St. Nicholas ave.
Dickinson, H. C. D. 1 *c*
Irvington, N. Y.
Dickson, A. *ph* 131 W. 116
Diehl, F. A. *phar*
520 Bedford ave., Bklyn.
Diehl, M. V. 3 b
West New York, N. J.
Dietrich, R. L. pl
163 Stratford Road, Bklyn.
Dietz, L. M. 4 t
158 N. 17, East Orange
Dills, D. R. *nm c*
West Side Y. M. C. A. West 57
Di Martino, G. *f a*
2070 Second ave.
Dimmick, W. W. *pl* Livingston
Dineen, P. A. L. 1 *m* 435 W. 34
Dingman, J. C. 4 t *505 W. 122*
Dingman, N. McL. 2 *c* 505 W. 122
Dinkelspiel, L. 2 *c* 46 W. 89
Dinwiddie, E. C. 4 t *537 W. 121*
Dinwiddie, H. K. f a *221 W. 78*
Di Preta, M. 1 *m* 340 E. 22
Disch, A. A. 4 t
350 Bridge, Bklyn.
Disesa, N. D. 1 *c* 114 Mulberry
Disosway, S. T. ph
281 Clermont ave., Bklyn.
Di Stasio, J. 2 *s* 390 Broome
Dittmer, J. C. 1 *s*
286 Park Pl., Bklyn.
Dobbs, A. A. 3 t *419 W. 121*
Dodd, R. *ph* 175 Ninth ave.
Dodge, M. 3 b
185 Berkeley Pl., Bklyn.
Doeden, F. H. *gr t* 418 W. 118
Dolowitz, A. 3 *s* 123 E. 95
Donaldson, K. H. 3 *s* 531 W. 113
Donnell, M. C. *nm l* 627 W. 115
Donovan, E. K. 2 b *519 W. 123*
Donovan, H. 4 t *533 W. 121*
Donovan, S. M. 4 t *40 W. 126*
Dorfmann, D. W. *f a* 69 W. 113
Dorr, W. C. 4 *c*
1081 Rogers ave., Bklyn.
Dotey, A. I. *ph* 195 Claremont ave.

Doty, E. M. 3 b *553 W. 141*
Doty, F. 3 t *Whittier*
Doty, G. nm t *Wyoming, N. J.*
Doty, K. S. pl *553 W. 141*
Douglas, E. R. 3 t
264 Lexington ave., Bklyn.
Douglas, I. P. 2 b *Brooks*
Douglass, C. Y. 3 *m*
382 Vanderbilt ave., Bklyn.
Dowd, H. L. 2 *m* 231 W. 69
Dowdall, L. E. 4 t *417 W. 120*
Dowling, N. T. 2 *l* 531 W. 113
Downes, E. H. 1 *c*
173 Rutland Road, Bklyn.
Downes, H. R. 1 b
526 Van Cortland Pk. ave., Yonkers
Downing, G. S. 1 *s* Hartley
Downs, B. 2 b
75 Fairview ave., Jersey City
Doyle, Wm. L. H. 1 *s* Earl
Drake, B. H. 2 *s* 160 Waverly Pl.
Drake, D. *ph* 610 W. 118
Draper, C. W. ph *500 W. 121*
Draper, O. H. *pl* Madison, N. J.
Dreisbach, P. W. 2 *c*
Drennan, A. E. 3 t *210 W. 148*
Drevenstedt, A. 3 t *3065 Decatur ave.*
Driehaus, I. W. *gr t* Livingston
Driggs, H. E. 4 t *108 W. 73*
Drotts, P. T. *f a* 501 W. 121
Drucker, S. 1 *s* 688 Eighth ave.
Druding, M. D. 3 b *259 W 92*
Dub, G. D. 3 *s* 454 E 141
Duboff, W. S. 3 *m*
646 De Kalb ave., Bklyn.
Du Bois, A. M. 2 *c* 119 E. 57
Du Bois, M. nm b *47 W. 76*
Du Bose, C. R. D. ph
3 Gramercy Park
Duden, H. H. 1 *l* Bronxville, N. Y.
Dudley, H. nm t *87 St. Nicholas Pl.*
Dudley, M. A. 3 t
1266 Amsterdam ave.
Duffie, A. D. 2 *s* 429 W. 117
Duggan, J. E. 1 *l* 73 Manhattan ave.
Dulin, H. A. gr t *Whittier*
Dumm, C. L. *gr t*
High School, Orange, N. J.
Duncan, A. 4 b *101 W. 85*
Duncombe, D. S. 1 *s* 618 W. 113
Dunham, H. 4 t *Whittier*
Dunmore, R. G. 3 *l* Livingston
Dunn, G. W., Jr. 2 *s* 14 W. 131
Dunn, H. A. nm t *Whittier*
Dunne, F. 3 t *163 W. 165*
Dunning, H. S. 4 *m* 110 E. 18
Dunseath, S. G. *pl* 314 W. 116
Dupre, W. K., Jr. 2 *l* 353 W. 119
Durfee, C. G. *ph* 729 E. 168
Durkee, M. M. 2 *s*
512 Manhattan ave.
Durkin, E. L. 2 *l* 538 W. 113
Durr, K. C. nm t *501 W. 123*
Dustin, E. G. 4 *m* 352 W. 55
Dwight, B. H. 1 *c* Hartley
Dwyer, C. E. 4 *s*
468 Riverside Drive
Dwyer, G. J. 3 *c*
468 Riverside Drive
Dwyer, H. E. 2 b *456 W. 153*
Dzung, K. Y. 1 *s* Hartley

Eakins, M. St. J. 4 t
St. Luke's Hospital
Earl, A. M. gr t *420 W. 119*
Eastman, E. F. *ph*
Union Theol. Seminary
Eastman, F. W. 2 *m* 414 W. 58
Eastman, W. 3 *l* Hartley
Eaton, D. 4 t *Whittier*
Eaton, G. F. 3 t
1115 Amsterdam ave.
Eaton, H. D. 4 *m* 8 W. 65
Eaton, L. E. nm b *431 W. 121*
Eaton, L. F. 4 t *Whittier*
Eaton, L. V. 3 b *501 W. 121*
Ebeling, E. A. 3 t
56 Windsor Pl., Bklyn.
Ebeling, W. B. 3 *c*
56 Windsor Pl., Bklyn.
Ebneth, T. M. 3 t *233 E. 67*
Eddison, W. B. 3 *s* 614 W. 113
Edell, A. C. 1 b *509 W. 122*
Edwards, B. B. 1 *m* 361 W. 57
Edwards, D. J. *p* 524 W. 123
Edwards, F. M. 3 t *Whittier*
Egan, J. T. *f a*
429 Broadway, Flushing
Egan, R. F. ph *410 W. 115*
Egbert, G. P. 4 *c* 425 W. 146
Egbert, L. D. 1 *c* 425 W. 146
Ehrlich, J. 1 *s* 1281 Third ave.
Eichmann, M. 4 *c*
370 West, W. Hoboken
Eilbeck, F. A. 1 t *1153 Boston Rd.*
Eimer, A. O. *pl* 26 Irving Pl.
Eimer, C. B. 4 *c* 30 Irving Pl.
Eisenberg, H. L. 2 *s*
600 Riverside Drive
Eisler, S. 4 *m* 20 W. 115
Elder, J. C. *pl* 535 W. 112
Eldridge, G. W. 4 t *Whittier*
Eldridge, M. J. 4 t *Whittier*
Eldridge, S. 4 *c* Hartley

Eliot, T. D. Hartley
Ellert, J. F. 3 *t* 243 W. 107
Elliott, D. F. 2 *l* Livingston
Elliott, E. A. 3 t *Sea Bright, N. J.*
Ellis, E. C. 4 t *Whittier*
Ellisson, E. J. 4 t
60 Prospect Pl., Bklyn.
Elmendorf, K. 1 b *68 W. 51*
Elsasser, F. R. 2 *l* 302 W. 109
Elsasser, H. W. 3 *c* 302 W. 109
Elwell, G. B. 4 t *Whittier*
Ely, D. J. 1 *l* 52 E. 55
Emerson, F. 3 t
55 Central ave., E. Orange, N. J.
Emerson, H. B. 2 *l* Livingston
Emmerich, W. M. *nm c* 201 W. 117
Emmert, J. B. 2 *s* 429 W. 117
Emmons, M. 2 b *25 W. 73*
Enders, H. C. *p* Cooper Union
Enders, L. 4 t *Whittier*
Endicott, G. 3 *s* 627 W. 115
Engel, G. 2 *c* 623 E. 6
Englander, H. 4 *s* 270 W. 118
Englebardt, I. J. 1 *s*
24 Bartholdi ave., Jersey City
English, E. 3 b
1290 St. Nicholas ave.
English, W. 3 *t* Hartley
Enki, R. *pl* 99 Water
Ennis, A. A. p *453 Convent ave.*
Entelmann, J. H. 4 *s*
333 Alexander ave.
Epstein, A. 792 Greene ave., Bklyn.
Epstein, Louis 4 *c* 58 E. 116
Epstein, Lewis 3 *l*
792 Greene ave., Bklyn.
Erdwurm, E. gr t *219 E. 27*
Ernst, E. C. 4 *m*
1117 Westchester ave.
Ernst, F. *gr t* 1378 Plimpton ave.
Ernst, H. 1 *c*
174 Central ave., E. Orange
Ernst, M. 4 *c* 152 W. 122
Erpf-Lefkovics, T. A. 1 *m*
301 E. 10
Erskine, R. S. 1 *l* 606 W. 113
Erwin, E. J. *ph* Livingston
Erwin, R. 4 t *400 W. 118*
Eskolsky, M. J. 1 *c* 230 Clinton
Espinosa, P. R. *nm c* 202 W. 103
Essig, F. T. *f a* Livingston
Estrin, H. J. 2 *m*
5211 New Utrecht ave., Bklyn.
Evans, A. B. 3 b *476 W. 143*
Evans, C. S. E. 1 *l*
24 Culver, Yonkers
Evans, H. W. 3 *s* 543 W. 123
Evans, W. B. *nm t* Livingston
Evenchick, M. 2 *s*
229 Court, Newark
Everson, A. E. gr t *Whittier*
Everson, G. *gr t* Hartley
Everts, S. B. *gr t* Matteawan
Eves, A. ph *Whittier*
Exstein, M. W. 2 *c* 500 W. 122

Faas, C. T. 2 *c* 422 W. 119
Fairbairn, R. A. 3 *c* 531 W. 113
Fairbairn, R. L. 4 *c* 531 W. 113
Fallon, P. P. 1 *l* 524 W. 123
Falvey, E. C. 1 *s* 318 W. 52
Fanning, E. F. *f a*
4 Convent Hill
Farkas, L. 1 *l*
Farmer, R. L. 3 t *Whittier*
Farnsworth, E. A. 4 t *Whittier*
Farr, H. B. 1 *l* 16 Lexington ave.
Farrell, C. D. 3 t
84 Esterbrook ave., Rahway
Farrell, H. J. 1 *c*
160 Reid ave., Bklyn.
Farrell, T. M. nm t *106 E. 116*
Faulkner, C. S. 2 *m* 118 W. 61
Feeley, V. E. 2 b *City Island*
Feely, C. 3 t *Whittier*
Feeney, C. M. 4 t *Whittier*
Feinberg, B. G. *p* 530 W. 123
Feinberg, M. M. 2 *m* 23 W. 112
Feinsod, E. 2 *c* 76 Canal
Felbel, F. J. 4 *c* Hotel Narragansett
Felch, E. L. F. 3 b *52 W. 105*
Feleky, A. nm t *508 W. 114*
Felt, E. W. *pl*
Union Theological Seminary
Ferguson, F. P 1 *l*
128 Park ave., Jamaica
Ferguson, J. M. *pl* 627 W. 113
Fern, I. W. 3 *t*
231 Christopher ave., Bklyn.
Ferrara, J. 4 *c* 501 W. 121
Ferreira, A. V. 4 *c* 550 W. 114
Ferrier, K. L. nm t
302 Columbus ave.
Ferris, E. M. 3 t *Whittier*
Fettke, C. R. *p* Livingston
Fichandler, A. *pl* 134 E. 101
Fichter, W. L. 2 *c* 17 W. 100
Fickett, H. L. 1 *s* 420 W. 119
Field, H. C. 2 *l* 438 W. 116
Fielding, J. R. 2 *s*
Hackensack, N. J.
Fieldman, S. 1 *l* Hartley
Fiero, M. L. 3 t *Whittier*
Fike, T. R. V. 2 *c* 152 W. 118

Finch, R. S. p *74 W. 91*
Findlay, E. H. 2 *s* 531 W. 113
Findley, E. T. 1 *l* 233 N. 7, Newark
Fine, N. 1 *c*
236 Christopher, Bklyn.
Fink, A. A. 1 b *140 W. 69*
Fink, J. L. *phar*
337 Lenox Rd., Bklyn.
Finkelstein, M. 4 *s* 329 E. 20
Finkelstein, W. *phar* 61 E. 101
Finlayson, F. L. 3 *c* 102 W. 84
Finley, C. J. 3 *s* 501 W. 138
Fisbeck, F. C. 3 t
Ridgefield Park, N. J.
Fischel, R. V. 3 b *118 E. 93*
Fischel, S. G. ph *118 E. 93*
Fischer, G. M. 3 b *138 E. 150*
Fischer, W. *ph* Livingston
Fish, G. D. 2 *s* 909 West End ave.
Fish, S. W. 3 *l* 25 E. 78
Fishback, B. L. p *Brooks*
Fisher, A. F. 4 t *511 W. 112*
Fisher, E. E. *f a* 292 Manhattan ave.
Fisher, E. J. *pl* Livingston
Fisher, H. L. 1 *c* Hartley
Fisher, J. C. 2 *m* 184 Eldridge
Fisher, L. A. ph *419 W. 118*
Fisher, L. G. 3 *m* 27 W. 123
Fisher, S. 1 *s*
15 Thames, Williamsburg
Fisk, B. K. 2 *l* 1124 Amsterdam ave.
Fitch, D. M. 1 b *Astoria*
Fitz, L. 3 b *Brooks*
FitzGerald, A. B. 4 *c*
57 Liberty, Newark
Fitzgerald, H. B. 3 b *Brooks*
Fitzgerald, Sr., M. V. pl
Fitzpatrick, E. A. *gr t* 8 W. 101
Fitzpatrick, J. S. *gr t*
1022–85, Bklyn.
Fitzhugh, M. O'C. 4 t *419 W. 121*
Fleck, H. D. 3 *c* 304 W. 139
Fleischer, E. M. 3 *c*
98 Raymond, Bklyn.
Fleischer, J. *gr t* 17 E. 116
Fleischman, D. E. 2 b *303 W. 107*
Fleischman, L. E. 3 *s* 317 W. 83
Fleming, E. J. 1 b *537 W. 149*
Fletcher, A. R. 4 *s* 505 W. 124
Fletcher, F. R. 4 t *523 W. 124*
Fletcher, G. B. 3 t *Whittier*
Fletcher, P. ph *50 E. 89*
Fliedner, W. L. *nm t* Livingston
Fligelman, F. ph *Brooks*
Flouton, A. B. 2 *l* Hartley
Flower, A. R. 4 *c*
313 Gregory ave., Passaic
Flower, C. M. nm b
105 Lefferts Pl., Bklyn.
Flynn, F. J., gr t
43 William, E. Orange
Flynn, H. A. ph *Whittier*
Flynn, M. E. 3 t *4 W. 129*
Flynn, O. R. *gr t*
High School of Commerce
Foard, O. G. 2 *c* Livingston
Focht, M. ph *400 W. 118*
Fogarty, J. *f a* Hartley
Fogel, W. P., Jr. 4 *s* 429 W. 117
Foland, H. A. 2 b *511 Hudson*
Foley, D. *pl*
Folk, G. B. 1 *l* 416 W. 118
Folkoff, M. C. 1 *c*
546 Wendover ave.
Folwell, E. A. ph *Whittier*
Fondiller, R. 1 *l* 141 Broadway
Foote, F. W. 2 *s*
Foote, I. E. ph *27 W. 46*
Foote, J. W. 2 *c* 420 W. 121
Forbes, R. P. *ph* 244 Spring
Ford, H. H. nm t *Hackensack*
Ford, R. H. 2 *c*
Forde, J. L. gr t *410 W. 115*
Forssell, A. E. 4 t
1276 Castleton ave., W. N. Brighton
Forster, W. W. 3 *c*
Van Cortland Park ave., Yonkers
Fortinash, P. J. 3 *l*
2166 Second ave.
Foster, B. B. 1 *m* Livingston
Foster, D. P. *f a*
59 Evergreen Pl., E. Orange
Foster, J. T. 1 *s*
107 Duncan ave., Jersey City
Foster, M. B. 3 t *422 W. 115*
Fowle, L. R. *ph*
Union Theol. Seminary
Fox, C. J. 3 *t* 419 W. 114
Fox, D. R. 4 *c* 292 Manhattan ave.
Fox, E. B. 2 b *536 W. 163*
Fox, H. R. ph *2567 Sedgwick ave.*
Fox, J. H. 3 t *515 W. 111*
Fox, L. 1 b *Brooks*
Fox, V. L. 3 t *353 W. 58*
Fox, W. V. 1 *s* 20, Flushing
Fraenkel, O. K. 3 *l* Lawrence
Frambach, F. S. 4 *s*
292 Manhattan ave.
Francis, A. L. 3 t *500 W. 121*
Francis, C. L. gr t *420 W. 119*
Frank, C. M. *f a*
1090 Amsterdam ave.
Frank, L. K. 3 *c*
1090 Amsterdam ave.

Frank, M. 1 *l* 506 W. 122
Frank, M. M. ph *140 W. 93*
Franke, C. E. ph *552 W. 173*
Franke, R. 4 *s* Livingston
Franklin, A. M. ph *430 W. 119*
Franklin, E. 3 b *1635 E. 9, Bklyn.*
Franklin, I. H. 3 *m*
193 Palisade ave., Jersey City
Franklin, M. L. 2 b *Brooks*
Frary, M. H. ph *523 W. 121*
Fraser, J. M. 163 W. 74
Fraser, J. M. ph *527 W. 141*
Fraser L. 1 *l* 173 Taylor, Bklyn.
Frayser, M. E. 4 t *415 W. 118*
Frear, I. L. 2 b *270 W. 93*
Frech, R. H. F. 2 *c*
354 Spring, W. Hoboken
Frederichs, W. 4 *s* 550 W. 114
Fredsall, O. A. 2 *s*
414 Carlton ave., Bklyn.
Freeburg, V. O. *ph* 419 W. 115
Freedlander, E. 4 t *Whittier*
Freedman, A. 3 *l* Livingston
Freehof, M. E. *f a*
620 Carlton ave., Bklyn.
Freeman, H. W. 3 t *Glen Ridge*
Freer, F. H. 3 t *423 W. 118*
Freer, L. 4 t *Whittier*
Frees, H. J. *f a* 364 E. 156
Freidenrich, E. ph *26 W. 97*
Freley, E. M. *ph* Whittier
French. A. T. *gr t*
1115 Amsterdam ave.
French, O. M. 3 t *Whittier*
French, R. H. nm t *420 W. 119*
Frerichs, E. V. 2 *l*
Bentley Manor, S. I.
Freudberg, I. C. *f a* 524 W. 123
Freudenfels, E. *f a* 410 E. 141
Freudenthal, R. F. 2 b
1003 Madison ave.
Freundlich I. 1 *l*
808 West End ave.
Frew, G. H., Jr. 3 *s* 540 W. 113
Frey, O. W. R. 1 *c*
313 So. Orange ave., Newark
Frieder, E. F. 1 b *Brooks*
Friedman, H. 1 b *18 E. 92*
Friedman, I. 4 *c* 55 Osborn, Bklyn.
Friedman, M. 4 *s* 8–10 E. 107
Friedman, W. H. *p* 172 Rivington
Friedrich, C. H. S. 1 *c* 335 E. 52
Friend, E. V. 1 b *62 W. 124*
Fries, J. F. 2 *c* 338 Monroe, Bklyn.
Friess, L. L. ph
70 Morningside ave. W.
Friou, G. 2 *c* 498 State, Bklyn.

Fritts, F. 1 *l* Hartley
Frizzell, B. 4 *c* 543 W. 123
Frost, E. E. 4 t *419 W. 121*
Fruchtman, F. H. 2 *m*
162 Manger, Bklyn.
Fuchs, H. H. *f a* 821 Manida
Fuess, C. M. *ph* Livingston
Fueslem, V. A. 4 b *888 E. 176*
Fuller, E. M. *nm l* 100 Hudson
Fuller, O. R. 3 t *Whittier*
Fullerton, H. S., Jr. 2 *s* Hartley
Fullgraff, M. A. 3 t
65 E. Tremont ave.
Furman, A. 1 *s* 1337 Clay ave.
Furniss, C. C. 2 *m* Hotel Carlton
Furstenwaldé, H. C. 3 *c* 65 E. 53

Gaddis. C. J. 4 t *362 Riverside Dr.*
Gahagan, A. J. 2 *c*
87 St. Nicholas Pl.
Gainsborg, M. M. P. nm t
80 Edgecombe ave.
Gaither, J. 1 b *523–5, Bklyn.*
Gale, M. G. nm t *503 W. 121*
Galvin, W. A. 1 *l* 503 W. 173
Gambrill, B. L. gr t *Whittier*
Gamrin, E. 1 *m* 128½ Monroe
Garabedian, M. D. 3 *s* 501 W. 121
Garcia, F. J. 2 *l*
307 Macon, Bklyn.
Gardner, F. S., Jr. 2 *s*
464 Greene ave., Bklyn.
Gardner, M. L. 4 t *419 W. 118*
Garrard, W., Jr. 1 *l* Livingston
Garrett, G. H. 3 *l*
Garry, L. S. 4 *c* 861 Elsmere Pl.
Gartlan, E. B. *gr t*
1253 St. Nicholas ave.
Garvey, L. F. nm t *15 W. 64*
Gatch, N. B. 4 *c* 614 W. 113
Gately, W. A. 4 *s* 125 E. 54
Gates, F. W. 1 b
222 Percy, Flushing
Gates, W. J. 1 *c* 86–1
Gath, B. M. 4 t *Whittier*
Gaul, W. H. 2 *m* 22 Post, Yonkers
Gavin, H. p *28 W. 97*
Gay, E. 4 t *205 W. 106*
Gay, K. 4 b *205 W. 106*
Gearing, M. E. 4 t
189 Claremont ave.
Geary, H. E. 3 t *Whittier*
Geer, F. H. 2 *c* 60 W. 84
Gehlke, C. E. *pl* Livingston
Geiger, E. L. ph *430 W. 119*
Geiger, G. A. *p* Livingston
Geiger, H. R. 3 *s* 235 W. 102

Geiger, J. C. 1 *s* Arverne, L. I.
Geigerman, C. ph *2790 Broadway*
Geist, R. H. *ph* *600 W. 122*
Gellwaks, B. 1 *s* 36 W. 120
Genin, M. J. 4 t
Gentner, L. R., Mrs. nm t *Whittier*
Genung, G. R. 2 *s* 124 W. 71
George, H. L. 1 *s* 14 W. 101
George, N. F. 2 *l* Hartley
George, R. J. 1 *l* 536 W. 113
Gerow, A. L. 2 *m* 265 W. 81
Gershon, V. 1 *s* 243 E. Broadway
Gerson, B. F. 1 *c* Hartley
Gerstein, R. A. 4 b
130 Manhattan ave., Bklyn.
Gerstein, S. R. 3 *c*
130 Manhattan ave., Bklyn.
Gerstle, H. S. 3 *c* 2109 Broadway
Gessford, M. M. 4 t *Whittier*
Gettler, A. O. *p* 359 Grove, Bklyn.
Gianella, P. 1 *l* 608–5, Bklyn.
Gibbes, J. B. ph *422 W. 115*
Gibbs, W. F. 1 *l* Hotel Marseille
Gibson, C. R. C. 1 *c*
Gibson, K. Van R. 4 *c*
8 Van Sice ave., Yonkers
Gibson, L. W. 2 *l*
60 Vernon Terrace, E. Orange
Gibson, M. L. ph *618 W. 114*
Giden, A. A. 2 *c* 89 Pitt
Giegerich, A. N. 4 *c* 550 W. 114
Gienger, W. *gr t*
Gifford, W. J. *gr t* Livingston
Gilbert, C. M. 4 t *Whittier*
Gilbert, F. B. 1 *s*
17 Cypress ave., Flushing
Gilbert, K. H. 3 t *416 W. 122*
Gilbert, T. W. 4 *t* Hartley
Gilbertson, H. S. *pl* 401 W. 117
Gildersleeve, J. A. 3 *m* Livingston
Gildersleeve, N. B. 4 *c*
37 Downing, Bklyn.
Giliberti, V. 2 *m*
Rutherford, N. J.
Gill, D. S. 1 *c* 509 W. 124
Gilleaudeau, G. 3 b *Mamaroneck*
Gillentine, L. S. *ph* Hartley
Gillespie, J. P. *pl* 13 E. 66
Gillson, H. V. 1 *m*
11 Lee Pl., Paterson
Gilmore, F. V. pl *87 Hamilton Pl.*
Gilroy, R. W. 1 *s*
126 Elm ave., Mt. Vernon
Giltner, E. E. *gr t* 418 W. 118
Ginnel, W. S., Jr. 2 *c* 627 W. 115
Ginocchio, J. nm t
94 Palisade ave., Jersey City
Ginsberg, I. 1 *c* 965 Grant ave.
Girdner, P. M. 3 b *47 W. 71*
Githens, T. F. 2 *s* 306 W. 127
Gitlow, S. 3 *m* 104 E. 109
Gladding, G. 4 t *Norwich, N. Y.*
Glass, I. E. 3 t *Whittier*
Glass, M. ph *420 W. 119*
Glass, R. pl *415 W. 118*
Glasser, H. G. 4 *t*
255 North ave., Dunellen
Glassford J. 3 *s*
38 Jefferson ave., Jersey City
Gleason, E. 4 b
1215 Glenwood Rd., Bklyn.
Gleason, H. 4 t *Whittier*
Gleason, J. 4 t *Whittier*
Gleason, S. 3 b
1215 Glenwood Rd., Bklyn.
Glenn, I. L. 3 b *365 Edgecombe ave.*
Glenn, J. H. 1 *l* Livingston
Glenn, W. L. 3 *l* 265 W. 81
Glennie, A. J. *gr t*
77 Penn. ave., Newark
Gless, M. L. 1 b
574 High, Newark, N. J.
Glock, A. R. 3 *s*
533 Eighth ave., L. I. City
Glover, C. S. 2 *c* 3 Adrian ave.
Glover, D. C. 2 *l*
435 Riverside Drive
Glover, H. M. 3 t *412 Ninth ave.*
Gluck, E. L. 3 *c* 1041 Madison ave.
Goddard, A. H. 2 *l* Livingston
Goddard, R. G. *f a* Hartley
Godfrey, E. B., Mrs. 4 t
100 Morningside, W.
Godfrey, V. M. 4 t *91 Chambers*
Godwin, A. C. 4 t *Whittier*
Goede, E. B. 1 b *75 E. 81*
Goertner, R. pl *520 W. 183*
Goldberg, E. pl *1428 Prospect ave.*
Goldberg, H. 1 *m* 923 Fox
Goldberger, M. L. 2 *l* Hartley
Golden, T. 3 *s* 624 E. 9
Goldfinger, L. 3 *t* 353 E. 10
Goldman, A. G. ph *132 E. 70*
Goldman, H. *f a* 83 St. Nicholas Pl.
Goldman, H. L. 2 b
2439 Creston ave.
Goldman, J. L. 3 *s* Hartley
Goldman, M. H. 4 *m*
903 Prospect ave.
Goldman, P. 1 *s*
100 Morningside ave. W.
Goldman, S. 3 *m* 240 Hart, Bklyn.
Goldsmith, A. N. *p*
100 Hamilton Pl.

Goldsmith, C. S. 4 *t* 557 W. 124
Goldsmith, E. M. gr t *Whittier*
Goldsmith, N. M. 3 *l* 320 W. 105
Goldstein, D. 2 *s* Hartley
Goldstein H. S. 2 *c* 8 E. 97
Goldstein R. 2 b
30 Carleton, E. Orange, N. J.
Goldstein, S. E. *pl* 2127–83, Bklyn.
Goldstein, W. M. 1 *s*
296 Central Park, W.
Goldstone, M. C. 3 t *1126 Park ave.*
Goll. B. C. 3 t *25 Pulaski, Bklyn.*
Gollup, E. M. 4 *t* 353–43, Bklyn.
Gomprecht, E. nm t *250 W. 99*
Gonzalez, C. deB. nm b *417 W. 118*
Good, F. F. *p* 344 W. 36
Goodacre, C. M. 1 *s*
29 Hamilton Terrace
Goodhart, H. L. t *21 W. 81*
Goodman, L. S. 1 *s* 258–7
Goodman, S. L. 2 *l*
218 St. Johns Pl., Bklyn.
Goodnow, D. F. 1 *l*
46 Riverside Drive
Goodrich, F. *gr t* 345 E. 15
Goodsell, J. S. 2 *c* 324 W. 72
Goodspeed, G. C. ph *Brooks*
Goodwin, E. L. pl *415 W. 115*
Goodwin, E. N. 2 *l*
57 Livingston, Bklyn.
Goodwin, G. M. 4 *m*
360 Richmond Rd., Tompkinsville, S. I.
Goodwin, P. L. *f a* 11 W. 54
Goolrick J. M. 4 t *527 W. 121*
Gordon, F. A. 1 *c* Hartley
Gordon, G. A. 2 *l* Livingston
Gordon, I. 2 *l* 75 E. 121
Gordon, I. L. nm t
243 Grand ave., Englewood
Gordon, L. 3 *t* 449 W. 124
Gottesman, M. 2 *c*
112 Gerry, Bklyn.
Gottlieb, B. 1 *c* 104 E. 81
Gottlieb, G. J. 3 *t* 43 Forsyth
Gottlieb, S. E. 2 b *Brooks*
Gough, Z. M. 3 t
406 S. Columbus ave., Mt. Vernon
Gould, F. R. 4 t *Westerleigh, S. I.*
Gould, M. *ph*
25 Birchwood ave., E. Orange
Gould, R. R. N. *gr t*
1105 Amsterdam ave.
Gowell, P. 4 t
Gowin, E. B. *pl* Livingston
Grace, R. V. 4 *m* 415 E. 136
Graff, I. B. ph 348 Central Park, W.
Graff, J. R. 1 *l* 565 W. 113
Grafton, H. K. 1 *c* 205 W. 107
Graham, A. L. 1 *c* 321 W. 94
Granger, H. S. *f a*
119 Fenimore, Bklyn.
Grant, F. 4 *t*
5 Whittier, East Orange, N. J.
Grant, M. A. 4 t *Whittier*
Grant, W. M. 2 *s* Livingston
Grasso, V. *ph* 978 Second ave.
Grattan, J. F. 2 *m*
1210 Tinton ave.
Graupner, H. P. ph *138 E. 48*
Graves, G. H. *p* Livingston
Gray, A. M. 4 t *419 W. 121*
Gray, C. ph *24 E. 99*
Gray, E. N. 4 t
82 Morningside ave.
Gray, E. P. 1 b *409–4 Bklyn.*
Gray, J. G. 3 t *517 W. 134*
Gray, J. W. 4 *m*
138 Clinton ave., Newark
Gray, K. F. 3 b *48 W. 167*
Gray, L. 3 t *Whittier*
Gray, L. L. 4 b *195 Claremont ave.*
Gray, W. A. 3 *c* 246–14, Bklyn.
Gray, W. L. pl *195 Claremont ave.*
Green, A. *ph* 54 Eighth ave.
Green, A. A. 1 *c*
938 St. Nicholas ave.
Green, G. B. 3 b
492 Classon ave., Bklyn.
Green, M. C. 4 t *Whittier*
Greenawalt, L. deF. 4 b *Brooks*
Greenbaum, E. S. 1 *l* 2 E. 94
Greenbaum, L. S. 2 *l* 2 E. 94
Greenberg, D. 1 *c* 589 Eighth ave.
Greenberg, D. S. 4 *t*
22 Harvard ave., Jamaica
Greenberg, F. C. P. 2 *s* 61 E. 121
Greenberg, H. 2 *c*
68 St. Mark's Pl.
Greenberg, J. 1 *c* 589 Eighth ave.
Greenburg, S. 1 b
92 Morningside ave.
Greene, G. V. V. 2 b *403 W. 115*
Greene, H. T., Jr. 3 *s* 600 W. 133
Greene, L. A. pl *Whittier*
Greenebaum, H. M. 4 *c*
152 W. 118
Greenebaum, M. 4 *c*
911 Park ave.
Greenewald, H. M. 3 t *519 W. 121*
Greenlaw, V. E. 3 t *500 W. 121*
Greenough, F. M. 3 t *519 W. 121*
Greenslade, W. G. *pl*
Union Theological Seminary

Greenwald, G. V. 1 b
27 S. Seventh ave., Mt. Vernon
Greenwald, I. *p* 416 E. 58
Greenwold, M. S. 2 b *33 Wall*
Greenwood, D. G. gr t *Whittier*
Greenwood, M. 3 t
374 Central Park, W.
Gref, W. H. 3 *s* 21 Claremont ave.
Gregg, W. B. 1 *c* Hackensack
Greiff, L. J. 4 t *166 W. 79*
Grenelle, M. B. 2 b *N. Paterson*
Gretsch, H. 1 *s* 28 W. 97
Griesemer, Z. L. 2 *m*
146 Fifth ave., E. Roselle, N. J.
Grieve, R. P. 2 *s* 501–6, Bklyn.
Griffen, R. F. 1 *c*
37 Brevoort Pl., Bklyn.
Griffin, A. D. 3 b
372 Manhattan ave.
Griffin, E. p *Brooks*
Griffin, E. B. 2 *c* 55 W. 47
Griffin, H. C. *p* Hartley
Griffin, N. G. *p* Hartley
Griffin, P. F. 3 *l*
791 St. Nicholas ave.
Griffith, E. St. J. *f a* 612 W. 116
Griffith, G. nm t *Brewster*
Griffith, J. G. 3 *c* 616 W. 113
Grill, A. M. 4 *c* 305 W 114
Grimberg, L. 4 *m* 253–4 Jersey City
Grimm, A. J. 3 *c* Hartley
Grinfeld, I. *pl* Livingston
Griscom, A. 2 *c*
21 Washington Sq., N.
Griscom, L. 3 *c*
21 Washington Sq.
Griswold, C. A. *pl*
Union Theological Seminary
Griswold, V. A. ph
787 Carroll, Bklyn.
Groesbeck, K. *ph*
Ft. Washington ave. & 180
Grof, C. 1 b *Ossining*
Gross, A. N. 3 *t* 165 Avenue A
Gross, H. *f a*
93 Buffalo ave., Bklyn.
Gross, L. M. 3 *s* 616 W. 113
Grossbaum, L. 2 *s*
847 Hunts Point ave.
Grunow, W. R. 3 *c* Hartley
Guernsey, R. E. 1 b 2730 Broadway
Guerrieri, P. *phar*
120 Spruce, Newark
Gugler, E. *f a* Hartley
Guibert, J. C. N. 2 *s*
2323 Davidson ave.
Guilfoil, P. H. 3 *l* Livingston
Guitéras, J. G. 4 *s*
1 Livingston ave., Yonkers
Guitéras, J. R. 4 *s*
1 Livingston ave., Yonkers
Guiterman, K. S. 4 *s* Livingston
Gunn, L. M. 3 t *76 W. 94*
Gunn, M. W. 3 t *417 W. 120*
Gunning, C. nm t *415 W. 118*
Gunther, E. H. gr t
873 St. Nicholas ave.
Gunther, G. P. *f a*
2980 Marion ave.
Guthrie, J. K., Mrs. pl *515 W. 111*
Guthrie, K. S. *gr t*
330 Schermerhorn, Bklyn.
Gutiérrez, C. G. 3 *s* 503 W. 122
Guy, R. A. 2 b *335 Convent ave.*

Haage, M. C. ph
171 Manhattan ave.
Haake, C. H. G. 2 *m* 210 W. 109
Haaren, A. H. 1 *c* 147 W. 122
Haaren, W. F. 3 *s* 147 W. 122
Haarer. M. C. 4 t *440 E. 26*
Haas, E. t *7 E. 69*
Haber, I. 4 *c*
718 Angelique, W. Hoboken
Hadden, G. 3 *s* 7 E. 76
Hadsell, E. G. 1 b *Pelham*
Hadsell, I. W. 1 *s* Pelham
Haessler, A. M. 4 t *Whittier*
Haessler, L. ph *Whittier*
Haff, K. G. *f a* Livingston
Hahn, C. A. 3 t *Whittier*
Haines, D. W. 1 *c*
50 Central Park, W.
Haines, W. H. 3 *s* 531 W. 113
Haire, T. C. *f a* 509 W. 110
Hakes, R. J. 3 b 217 Riverside Dr.
Haldeman, H. W. 3 *s*
389 West End ave.
Hale, A. M. 3 t
117 Van Buren, Bklyn.
Hale, H. F. 3 b *Brooks*
Hale, J. C. 4 *s* Livingston
Hale, R. 1 *c* 519 W. 121
Hale, W. T. *ph* Livingston
Halfpenny, E. 2 b 333 E. 9, Bklyn.
Hall, A. E. 4 *s* 526 W. 122
Hall, C. E. 3 t *Whittier*
Hall, C. W. *ph* Hartley
Hall, D. E. *gr t*
Anderson ave., Port Richmond
Hall, F. 4 *m* 346 W. 57
Hall, H. M. *ph* 155 W. 65
Hall, K. M. H. gr t *Whittier*
Hall, M. A. 3 t *Whittier*

Hall, M. W. ph *202 W. 81*
Hall, S. E. 1 *l*
Haller, D. A. 2 *m* 157 W. 68
Haller, W. *ph* Livingston
Hallock, A. C. 3 b *36 E. 65*
Hallock, D. W. *p* Hartley
Hallock, F. A. gr t *Whittier*
Hallock, K. R. 3 t
160 Summit ave., Jersey City
Hallock, W. A. nm t *479 W. 152*
Halloran, M. nm t
292 Wadsworth ave.
Halpern, H. 1 *m*
1962 Amsterdam ave.
Halpern, T. 3 *m*
1962 Amsterdam ave.
Halsey, K. T. 3 t *Bronxville*
Halsted, H. 4 *m* 548 W. 164
Halsted, J. P. 1 *c* 622 W. 114
Hambidge, G. J. 2 *c*
481 Fifth ave.
Hamburg, M. J. 3 t
324 Clifton ave., Newark
Hamburger, M. V. 3 b *151 W. 140*
Hamburger, N. F. ph *151 W. 140*
Hamel, G. 4 t
Hamilton, B. P. 3 *s* 540 W. 113
Hamilton, R. A. *ph*
Union Theological Seminary
Hamilton, R. G. 4 t *Whittier*
Hamlin, M. L. *p*
105 Morningside ave., E.
Hamlin, T. F. *f a*
105 Morningside ave., E.
Hammer, R. 1 *c* 1270–5, Brooklyn
Hammond, A. B. pl *63 W. 12*
Hanagan, T. P. 1 *l*
Hance, W. 4 *t* 1771 Madison ave.
Hancock, W. J. *p*
Hollis Court, Queens
Hand, C. K. 1 *m*
218 S. Third ave., Mt. Vernon
Handler, N. E. 2 *c*
685 Hancock, Bklyn.
Handy, M. gr t *431 W. 121*
Haner, C., Jr. 4 *s* 147 W. 105
Hanke, A. G. 4 *s* Hartley
Hansen, H. B. 1 *m*
213 Jane, Weehawken Hts.
Hansen, M. C. 3 t
213 Jane, Weehawken Hts.
Hansen, P. M. *nm c*
673 Tinton ave.
Hansford, F. P. nm t *215 E. 15*
Hanson, D. E. nm t
55 Adams, Mt. Vernon
Hanson, E. M. 4 t *Whittier*
Hanson, F. K. gr t *340 W. 85*
Hanson, T. 3 t *Mamaroneck*
Harada, K. gr t *515 W. 122*
Harada, T. *ph* Summit, N. J.
Harder, E. H. 4 *s* 154 N. 9, Newark
Harder, L. M. 3 t *Broadway & 87*
Hardham, S. M. pl
227 Elwood ave., Newark
Harding, J. P. *f a* 616 W. 113
Harding, K. V. 4 t *Whittier*
Hardy, E. F. 3 b *153 E. 150*
Hardy, R. G. pl *157 Willow, Bklyn.*
Hardy, S. D. B. pl *419 W. 118*
Hare, R. F. *p* 405 W. 123
Hargitt, V. B. *ph* Madison, N. J.
Harkey, T. L. p *431 W. 121*
Harlam, E. J. 3 *l* 272 W. 73
Harlow, S. R. *pl*
Union Theological Seminary
Harmon, J. McR. 3 t *Whittier*
Harper, A. E. 3 t *500 W. 121*
Harper, S. N. *pl* Hartley
Harrer, H. M. 1 b *Briarcliff Manor*
Harrin, F. H. *pl* 410 W. 115
Harrington, G. A. gr t *Whittier*
Harris, A. E. 4 t *519 W. 121*
Harris, B. R. 3 t *311 W. 103*
Harris, C. P. 1 *s* 243 W. 98
Harris, D. 1 b *3875 Broadway*
Harris, E. K. 1 *c* 12 W. 70
Harris, E. P. 3 *s* 200 W. 86
Harris, F. sp b *Brooks*
Harris, F. T. 2 *c*
770 St. Nicholas ave.
Harris, H. C. *ph* 504 W. 122
Harris, L. H. 3 *s* 529 W. 135
Harris, N. 1 b *254 W. 103*
Harris, R. G. 4 t *254 W. 103*
Harris, R. S. 2 *c* Hartley
Harris, R. W. 2 *s* 413 W. 113
Harris, S. F. 3 t *Whittier*
Harris, W. H. *ph*
786 Morris Park ave.
Hart, C. C. 3 t *601 W. 127*
Hart, G. W. 3 *s*
New Brunswick, N. J.
Hart, M. T. 4 b *207 Dyckman*
Hartig, S. 2 *c* 2474 Eighth ave.
Hartley, V. J. 4 t *541 W. 123*
Hartman, H. V. *f a* *565 W. 113*
Hartman, S. F. 3 *l*
948 Trinity ave.
Hartmann, H. G. *ph*
4057 Broadway, Woodhaven, L. I.
Hartshorne, R. 2 *l*
Union Theological Seminary
Hartung, E. W. *ph* 774 E. 169

Hartzell, M. K. gr t *183 Thompson*
Hartzell, W. H., Jr. 1 *l* 14 W. 60
Harvey, E. N. *p* Hartley
Harvey, F. E. 4 t *Whittier*
Harvey, H. A. pl *3 Gramercy Pk.*
Harvey, W. J. 1 *s* 19 W. 31
Hasberg, G. S. 2 b *3100 Broadway*
Haseman, J. D. *ph* 520 W. 122
Hasler, E. B. 4 t
Hassinger, P. E. 1 *c* 435 W. 146
Hastings, E. M. 4 t
2164 La Fontaine ave.
Hastings, W. H., Jr. 4 *c* 119 E. 86
Hathaway, M. C. 4 t *417 W. 120*
Hauben, L. 1 *c* 86 Avenue B
Haughwout, F. G. 1 *c* 316 W. 79
Haupt, L. 3 t *Whittier*
Haven, L. I. nm b *6 E. 53*
Havens, G. 4 t *515 W. 111*
Havens, W. W. 1 *s* 469 E. 134
Hawes, E. W. 1 b
13 Leland ave., New Rochelle
Hawes, H. Q. *pl* Hartley
Hawk, C. B. 4 t *503 W. 121*
Hawkey, E. H. 2 b *Hackensack*
Hayden, J. B. *pl*
Union Theological Seminary
Hayden, L. F. 2 *s* White Plains
Hayden, W. H. 2 *s* Hartley
Hayes, F. H., Jr. 3 *s* 536 W. 114
Haynes, J. L. 3 *s*
3216 Glenwood Road, Bklyn.
Hays, J. E. 3 *s* Livingston
Hays, L. *ph* 422 W. 115
Hays, L. St. C. 2 *m* 357 W. 55
Hays, M. B. ph *304 W. 83*
Hayward, G. A. ph *417 W. 120*
Hazel, F. L. 3 b
10 Terrace ave., White Plains
Hazeltine, K. S. nm t *Whittier*
Hazzard, L. F. 4 *s* Livingston
Heady, J. H. *pl*
79 Prospect ave., Flushing
Heagey, F. W. 3 *m* Livingston
Heal, F. A. 4 t *Whittier*
Healy, C. E. 1 *l*
722 St. Nicholas ave.
Healy, F. M. 4 t
20 Hampton Pl., Bklyn.
Healy, J. R. *p* 22 W. 44
Heard, W. S. 4 *c* 627 W. 113
Hearn, C. W. 1 *c* 496 E. 17, Bklyn.
Hearn, G. L. 1 b
1430 Glenwood Road, Bklyn.
Heath, E. F., Mrs. pl *Brooks*
Heffner, J. S. *ph* 3132 Broadway
Hegland, M. *gr t* Hartley
Heidelberger, M. *p* 38 W. 93
Heiden, I. F. 4 b *118 E. 74*
Heilprin, M. 3 b *417 W. 120*
Hein, H. E. *gr t* 2433 S. Boulevard
Heinemann, B. D. 1 b *221 E. 72*
Heller, E. M. 3 b *108 W. 75*
Heller, M. W. 3 *s* 316 W. 93
Hellin, L. ph *9 Columbus ave.*
Helm, C. F. 3 *l* Livingston
Helmrich, E. W. ph
8 Franklin ave., New Rochelle
Henderson, H. B. 2 *c* Hartley
Henderson, H. G., Jr. 2 *s*
435 Riverside Drive
Henderson, H. V. D. ph
7 Henry, Flatbush
Hendrian, A. W. *p* 265 Henry
Hendrick, P. E., Jr. 2 *c*
294 Manhattan ave.
Hendricks, E. ph *18 E. 80*
Hendricks, H. E. pl 3 Gramercy Pk.
Hendricks, R. 3 b
436 Columbus ave., Mt. Vernon
Hendrickson, B. H. 1 *s*
Hendrickson, E. T. 3 t
Hendrickson, N. E. 3 *s*
117 Prospect Pl., Bklyn.
Henin, B. L. A. *ph* Hartley
Henle, J. H. 3 *c* 423 W. 118
Henn, A. G. 1 *s*
94 W. Lincoln ave., Mt. Vernon
Hennis, J. R. 3 *l* 140 E. 28
Henricks, W. A. *pl* 242 E. 105
Henriques, C. R. 1 *c*
Wendover Road, Yonkers
Henry, J. W. 3 *m* 168 W. 47
Henry, L. 3 *l* Livingston
Hepburn, C. S. *pl*
General Theological Seminary
Heppe, A. E. sp b *56 E. 59*
Herbermann, H. F. 1 *l*
346 Convent ave.
Herbert, L. M. *ph*
346 Rockaway ave., Bklyn.
Herbert, W. D. 2 *s* 434 W. 22
Herbert, W. H. 1 *c* 434 W. 22
Herbst, M. W. 3 t
2 Claremont ave., Mount Vernon
Herkert, K. J., Jr. 1 *s*
40 Prospect Drive, Yonkers
Herman, H. R. 3 t *Whittier*
Hermes, H. L. *phar* 332 E. 30
Hernandez, J. A. 2 *s* 3 W 104
Herold, W. F. 1 *s*
1012 Broad, Newark
Herreshoff, A. F. 4 b
233 W. 109

Herrick, L. L. pl *183 Thompson*
Herring, H. M. 3 *m* 170 W. 73
Herrlich, W. L. 1 *c* 443 E. 239
Herrmann, H. 3 t *58 E. 124*
Hersey, C. A. 4 *c*
434 Hawthorne ave., Yonkers
Hershenstein, C. 3 *l*
241 Newark ave., Jersey City
Hershenstein, S. 3 *l* Livingston
Hershey, R. M. ph
245 Clinton ave., Brooklyn
Herter, A. H. 4 *s*
473 Washington ave., Bklyn.
Herts, H. H. 3 *l*
Rockingham, B'way & 56
Hertz, N. C. 1 *s* Hartley
Hertzog, H. S. 4 *s* 510 W. 146
Herz, E. 4 t *569 W 150*
Herzberg, M. J. *ph*
20 Ridgewood ave., Newark
Herzfeld, M. G. 4 *m* 254 W. 131
Hess, A. 4 b *89 Linden ave., Bklyn.*
Hess, E. 1 b *34 W. 120*
Hess, E. M. 4 t *420 W. 119*
Hess, G. S. 1 *c* 34 W. 120
Hess, K. F. 2 *s*
200 Schenectady ave., Bklyn.
Hess, M. H. 3 *l* 24 W. 85
Hess, S. I. 2 *s* Hartley
Hessberg, M. H. 2 b *55 W. 89*
Hessde-Mello, G. 2 *s* Livingston
Hesse, W. 2 *c* 1643 E. 13, Bklyn.
Hetzel, G. *gr t* 410 W. 115
Hetzel, W. B. 2 *m* 231 W. 69
Heuermann, H. F. ph *Whittier*
Heuser, M. A. nm t *Whittier*
Hewes, H. E. 3 t *523 W. 121*
Hewetson, J. H. 2 *c*
493 Avenue E, Bayonne
Hewitt, J. V. 2 *l* Livingston
Heydecker, W. D. 4 *c* 558 W. 113
Heyman, D. M. 2 *c* 216 W. 100
Heyward, N. B. 4 *m* 144 W. 65
Hibbs, D. L. 3 *m* 163 W. 74
Hice, H. M. *f a* Hartley
Hice, J. M. 3 t *628 W. 114*
Hickey, G. H. *gr t* 521 W. 150
Hickey, L. W. 3 *s* Hartley
Hicks, B. M. 4 t *Whittier*
Hicks, C. J., Jr. 2 *c* Hartley
Hicks, C. S. 4 *s* Hartley
Higgins, E. G. 1 b
2970 Marion ave.
Higgins, F. A. 3 *l* 415 W. 146
Higgins, M. 3 t *360 W. 123*
Higginson, J. J., Jr. *ph* 16 E. 41
High, H. G. *pl* 600 W. 122
High, L. S. 3 *l* 213 E. 123
Hilborn, R. 1 b *415 Riverside Dr.*
Hildebrand, A. S. *f a* 18 W. 109
Hildebrand, M. A. 2 b
442 Stockholm, Bklyn.
Hildenbrand, J., Jr. 1 *c*
550 W. 114
Hill, A. D. gr t *537 W. 121*
Hill, A. T. 4 t
783 Greene ave., Bklyn.
Hill, C. *gr t* Livingston
Hill, D. 1 *l* 323 W. 87
Hill, H. G. 4 t *37 E. 71*
Hill, J. F. 4 *m* 548 W. 164
Hill, J. W. 4 *c* 131 W. 118
Hill, L. S. 3 *c* 165 W. 97
Hill, W. C. 4 *s* 558 W. 113
Hillas, M. 2 b
250 Palisade ave., W. Hoboken
Hillas, R. A. 1 *c* 565 W. 113
Hiller, R. H. *ph* 135 W. 104
Hiller, R. R. ph *Brooks*
Hine, E. L. f a *319 W. 57*
Hine, R. C. 1 *s*
14 S. Broadway, Yonkers
Hinman, E., Jr. 3 *s*
435 Riverside Dr.
Hinman, H. E. 4 t
107 Harrison, E. Orange
Hinman, O. M. 4 t *Whittier*
Hinshelwood, M. 4 t
97 Engle, Englewood
Hirsch, C. M. 4 *s* 445 W. 162
Hirsch, F. B. 1 *c*
310 Garfield Pl., Bklyn.
Hirschensohn, N. ph
322 Park ave., Hoboken
Hirsh, C. M. *f a* 419 W. 129
Hirsh, M. 4 b *25 W. 87*
Hirshcopf, P. 1 *c*
157 Vernon ave., Bklyn.
Hirshleifer, L. J. 2 *c*
13 Varet, Bklyn.
Hirt, E. L. 3 *s* 536 W. 114
Hitchins, O. E. 2 *s* 531 W. 135
Hite, G. E. 3 *l* White Plains
Hitomi, J. *pl* 316 W. 115
Hjorth, H. 4 *t* 520 W. 145
Hobart, C. E. 1 *l*
Hobbs, A. L. 4 *m*
28 Evergreen Pl., East Orange
Hobbs, M. M. 3 t *Whittier*
Hochberger, O. 3 *s*
472 Central Park, W.
Hochschild, G. H. 1 b
565 West End ave.
Hochstein, L. I. *nm c* 145 Ludlow

Hodge, C. M. sp b *316 W. 108*
Hodges, M. L. 3 b *309 W. 101*
Hodgson, L. J. *ph* 420 W. 118
Hoey, M. A. 1 b *112 W. 103*
Hofflin, E. G. 3 t *Whittier*
Hoffman, C. R. 1 *s* 105 E. 29
Hoffman, G. L. 3 t
55 Davis ave., New Rochelle
Hoffman, J. M. 4 *c* 105 E. 29
Hoffman, P. E. 3 b *307 W. 137*
Hoffmann, A. S. 1 *c* 211 E. 18
Hoffmann, C. J., Jr. 4 *t*
Westchester ave. & S. Boulevard
Hoffmann, I. nm t *Whittier*
Hoffmann, T. W. 3 t *Athenia*
Hogan, M. R. 3 b *Whittier*
Hogue, M. J. ph *401 W. 118*
Holbrook, C. H. *ph*
Union Theological Seminary
Holcombe, F. M. 3 *m* 338 W. 55
Holden, H. D. 1 *l*
21 Beach ave., Mamaroneck
Holder, J. sp b *221 E. 52*
Hollingshead, G. G. *pl*
Madison, N. J.
Hollmann, R. F. 1 *c*
488 Monroe, Bklyn.
Hollopeter, S. L. *f a* Livingston
Holman, A. J. 4 *s* 1364 Teller ave.
Holmes, L. D. 3 *l* 418 W. 118
Holmes, M. E. p *Brooks*
Holmquist, G. S. *nm s* 430 W. 118
Holtzman, P. J. 2 *s* 2036 Fifth ave.
Holtzoff, A. 3 *l* 301 W. 139
Holzman, M. 2 *c* 506 W. 134
Holzworth, J. M. *c* 46 W. 48
Homelton, G. L. *ph*
Union Theological Seminary
Honey, L. G. 3 t *416 W. 122*
Honrihon, D. B. 3 *t* 557 W. 124
Hopkins, H. P. *f a*
1338 College ave.
Hopkins, J. L. *ph*
151 S. 10, Newark
Hopson, E. F. pl *Whittier*
Horkheimer, P. 2 b *Brooks*
Horn, E. ph
95 Greenwood ave., E. Orange
Horn, J. F. 4 *m* 329 W. 57
Hornblower, L. W. *f a*
12 Montrose ave., S. Orange
Horowitz, B. 4 *s* 25 E. 115
Horton, L. H. *ph* Hartley
Hotaling, E. M. 3 t *Whittier*
Hotchkiss, R. B. 1 *c*
337 Clinton, Bklyn.
Hough, V. 1 b *Brooks*
Houghton, E. G. 2 b *607 W. 116*
Houghton, F. H. 4 t *Whittier*
Houghton, J. K. 3 *l* Livingston
Houghton, M. pl *630 W. 139*
Houghton, S. P. 2 *c* 404 W. 116
House, B. P. 521 W. 123
House, N. C. 1 *c* 8 W. 39
Houston, F. M. 3 t *Whittier*
Howard, A. L. 3 t
795 Bushwick ave., Bklyn.
Howard, A. M. pl *3 Gramercy Pk.*
Howard, C. M. ph
549 Riverside Dr.
Howarth, M. L. 3 t *Whittier*
Howe, H. S. 3 *m*
Howell, A. *nm l* 419 W. 115
Howell, R. W. 2 *s* 616 W. 113
Howenstein, W. M. 2 *l* Livingston
Howes, E. H. ph
656 St. Nicholas ave.
Howes, L. *ph* Union Theol. Sem.
Howes, M. W. nm t *Whittier*
Howitt, L. R. *f a* White Plains
Hoyt, D. C. 2 *s* Livingston
Hoyt, I. E. 4 t *Whittier*
Hoyt, J. T. 3 *s* 523 W. 113
Hoyt, S. L. *p* 616 W. 113
Hua, T. P. *p* Livingston
Huang, C. H. *nm c* Livingston
Huang, C. S. 3 *c* Hartley
Hubbard, D. G. 2 *s* 131 W. 94
Hubbard, E. W. 4 *s*
1717 Ditmas ave., Bklyn.
Hubert, E. S. 2 b
361 S. Fourth ave., Mt. Vernon
Hudson, S. D. M. *pl* 510 W. 124
Huene, A. H. ph
128 Weirfield, Bklyn.
Huesmann, L. B. *f a*
1206 Garden, Hoboken
Hughes, H. *ph* Livingston
Hull, C. C. 4 t *417 W. 118*
Hull, M. C. 4 t *430 W.* 122
Hull, M. C. 1 *c* Danbury, Ct.
Hull, W., Jr. 1 *s*
154 S. Portland ave., Bklyn.
Hummel, G. F. *ph*
175 Claremont ave.
Hunaeus, P. nm t *Whittier*
Hunkins, C. J. *nm t* Hackensack
Hunsdon, E. C. pl
150 Elm, New Rochelle
Hunt, F. L. *phar* 115 W. 68
Hunt, M. B. 3 t *Whittier*
Hunt, M. L. ph *419 W. 121*
Hunt, M. M. 3 t *541 W. 123*
Hunter, E. M. 3 t *126 W. 94*

Hunter, G. L. pl *921 Madison ave.*
Hunter, I. B. 4 t *66 E. 177*
Hunter, J. A. 4 t *Whittier*
Hunter, R. C. 3 *l* 557 W. 124
Huntington, A. ph *Hartsdale*
Hurie, W. L. *pl* 600 W. 122
Hurwich, L. 2 *s*
1709 Eastern Parkway, Bklyn
Hurwitz, S. T. H. *ph* 217 E. 69
Huser, T. E. 1 *l* Hartley
Hussakof, E. 3 t *148 E. B'way*
Husted, M. 2 *c* Hartley
Hutchinson, J. H. *gr t*
Pocantico Hills
Hutchison, F. R. 1 *m* 346 W. 57
Hüttlinger, C. F. 3 *s*
771 Carroll, Bklyn.
Huyssoon, M. P. 4 t
686 E. 25, Paterson
Hyde, I. ph *157 Remsen, Bklyn.*
Hyde, J. E. *p* 532 W. 143
Hyde, R. W. 2 *s* 611 W. 137
Hyman, J. C. 2 *c* 506 W. 122
Hyman, M. 1 *c* 73 W. 116

Iaason, A. H. 2 *c*
729a Macon. Bklyn.
Ide, J. J. *f a* 1128 Madison ave.
Ihlseng, O. K. 4 b *541 W. 124*
Imbert, L. *ph* 315 W. 70
Immerman, H. T. 3 *s*
181 Woodruff ave., Bklyn.
Ingalls, F. W. 1 *c* 153 W. 80
Ingalls, R. C. 2 *c* 153 W. 80
Ingerman, E. 3 b *1843 Madison ave.*
Ingle, J. W., Jr. *f a* 537 W. 149
Ingles, N. G. 3 t *402 Pacific, Bklyn.*
Ingram, V. 3 t *Whittier*
Iorio, E. F. 2 *m*
167 Glenmore ave., Bklyn.
Ireland, E. W. gr t
235 Union, Hackensack
Ireland, I. B. 2 b
48 Van Sice ave., Yonkers
Irish, C. G. 1 *m* 504 W. 111
Irvin, J. S. 3 *m* Livingston
Irvin, K. F. 1 *m* Hartley
Irwin, E. C. 3 t *420 W. 119*
Isabel, E. C. 3 b *Broadway and 113*
Isbell, O. C. 3 *c* 540 W. 165
Iseman, P. R. 4 *s* 115 W. 131
Iserman, H. DeB. 2 *c*
Garden City
Israel, A. H. 2 *s* 192 Eighth ave.
Ives, H. A. 3 t
Polifly Rd., Hackensack
Ivey, A. L. 1 *l* Hartley
Ivimey, M. B. 3 b
60 Clinton Pl., University Heights
Izumi, A. *pl* 327 W. 108.

Jabine, T. 2 *s*
9 Morris Crescent, Yonkers
Jackman, L. H. *nm c* 420 W. 119
Jackson, A. C. 3 t
18 Rudd Court, Glen Ridge
Jackson, A. D. ph *63 E. 52*
Jackson, N. C. 3 t *1 W. 69*
Jackson, S. L. 2 *c* 118 W. 57
Jackson, W. M. 3 *s* 966 E. 167
Jacobs, H. H. 2 *s* 249 W. 112
Jacobs, W. A. 3 *l* Livingston
Jacobsen, H. A. nm t
31 Palisade ave., W. Hoboken
Jacobson, B. 2 *c* 1218 Boston Rd.
Jacobson, F. R. 1 b *Brooks*
Jacobson, H. H. C. 4 t *101 W. 130*
Jacobson, S. 1 *m*
1218 Boston Road
Jacobson, S. L. 4 t *602 W. 135*
Jacoby, D. C. sp b *44 W. 72*
Jacques, H. C. 3 *c*
539 Manhattan ave.
Jägendorf M. A. 1 *c* 506 W. 122
Jahelka, R. *f a* Elmhurst, L. I.
Jahn, G. A. 4 *s* 429 W. 117
Jalkut, S. S. 1 *c*
814 West End ave.
James, H. G. *pl*
James, M. G. 4 t *Whittier*
James, R. T. ph
54 Morningside ave., W.
Jansson, C. A. 2 *s* 163 E. 37
Jaqua, E. J. *ph* 600 W. 122
Jaques, S. 2 *c*
461 Morris ave., Elizabeth, N. J.
Jareckie, E. A. 1 *s* B'way & 113
Jaros, A. L., Jr. 4 *s* 542 W. 112
Jarvis, E. L. ph *431 Riverside Dr.*
Jeanneret, L. E. 4 *s* 565 W. 113
Jefferson, C. F. 1 *l* 121 W. 85
Jeffery, E. J. 4 t *519 W. 121*
Jeffrey, L. MacL. 1 b *234 W. 136*
Jenkins, H. B. 4 *s*
16 Morningside ave., E.
Jenkins, H. D. pl *Whittier*
Jenks, J. W., Mrs. nm t
132 Lawrence
Jenney, C. E. *ph* 600 W. 122
Jennings, E. A. 2 *m* 561 W. 180
Jennings, F. B. 3 *m* 16 W. 109
Jennings, I. G. *pl* 421 W. 121
Jensen, E. L. 1 *c* Hartley
Jervey, H. W. 1 *l* Livingston

Jessup, H. H. 2 *c* 52 E. 77
Jessup, H. H. 3 t *417 W. 121*
Jessup, W. A. *gr t* 435 W. 123
Joachim, S. 2 *s* Newark
Joachim, W. B. 3 *s* Newark
Joffé, B. 4 t *501 W. 122*
Johnson, A. C., Jr. *gr t*
195 Claremont ave.
Johnson, A. I. 3 t
76 Morningside ave.
Johnson, A. L. 4 t *Whittier*
Johnson, E. 4 t *430 W. 118*
Johnson, E. P. pl 166 Waverly Pl.
Johnson, F. L. ph
Johnson, G. M. 3 t *520 W. 123*
Johnson, H. 3 *l*
142 St. Mark's ave., Bklyn.
Johnson, H. 3 *l* 435 Riverside Dr.
Johnson, H. L. 3 *m* 347 W. 57
Johnson, I. G. 1 b
10 S. Fourteenth ave., Mt. Vernon
Johnson, J. W. 1 *s*
3603 Broadway
Johnson, L. E. 3 b *460 W. 152*
Johnson, L. G. 4 t
Johnson, M. E. sp b
168 Hancock, Bklyn.
Johnson, M. K. nm t *420 W. 119*
Johnson, M. M. pl *183 Thompson*
Johnson. O. A. 3 *t* 251 W. 133
Johnson, R. A. nm t *Whittier*
Johnston, A. M. 1 *l* Hartley
Johnston, H. nm t
8 Brunswick Rd., Montclair
Johnston, H. R. 2 *s* 25 E. 124
Johnston, H. T. 3 *c*
1117 Westchester ave.
Johnston, M. S. *pl*
General Theological Seminary
Johnston, R. L. 2 *s* 429 W. 117
Johnstone, A. S. 4 *c* 601 W. 151
Jones, E. 3 t *Whittier*
Jones, E. B. 3 t *418 W. 118*
Jones, E. L. 1 b
2591 Bainbridge ave., Bronx
Jones, E. T. 3 b
1 Midland ave., White Plains
Jones, F. B. *ph*
347 Prospect Pl., Bklyn.
Jones, L. E. 4 t *418 W. 118*
Jones, M. M. 4 t *101 W. 109*
Jones, R. F. *ph* Livingston
Jordan, J. C. *ph* Hartley
Jordan, L. G. 1 *s* 126 W. 102
Joseph, L. *f a* 244 W. 122
Joseph, M. J. ph *604 W. 115*
Jube, A. R. 1 *l* 719 E. 12, Bklyn.
Jud, F. C. 3 b
119 Franklin, Jersey City
Jui, P. V. *p* Livingston
Jung, P. H. 2 *s*
124 Bainbridge, Bklyn.
Junge, E. W. T. ph 745 Trinity ave.
Junghans, B. J. 2 b
871 St. Nicholas ave.

Kadison, M. 2 *c*
465 Central Park, W.
Kahn, A. F. 1 *l* Livingston
Kahn, C. 3 b *303 Dean, Bklyn.*
Kahn, L. ph *80 E. 116*
Kahn, M. *p* 115–2
Kain, W. F. 2 *l* 425 W. 118
Kaine. J. M. *p*
135 Wright, Stapleton, S. I.
Kalt, M. J. 2 b
234 Central Park, W.
Kamaiky, D. E. 2 *c* 9 W. 120
Kandel, C. 4 *s* 22 First ave.
Kannengieser, M. 1 *s*
1723 Madison ave.
Kantor, J. L. 3 *m* 386 E. 143
Kaplan, I. I. 1 *m* 16 E. 96
Kaplan, M. 1 *c* 117 Osborn, Bklyn.
Kaplan, P. G. 3 *t* 102 E. 111
Katz, A. J. 1 *s* 1451 Crotona Pl.
Katz, C. V. 1 *s* 374 Grand, Bklyn.
Katz, E. 1 *m* 439 Hendrix, Bklyn.
Kātz. E. J. 4 *s* 249 E. 68
Katz, M. 2 b *109 Attorney*
Katz, S. M. 3 *m*
1613 Pitkin ave., Bklyn.
Katzenberg, S. K. 2 *s*
1505 Charlotte
Kauffman, H. 1 *c*
201 State, Hackensack
Kaufhold, R. M. 3 t *515 W. 111*
Kaufman, B. *nm t* 205 Division
Kaufman, E. R. 2 *l* Hartley
Kaufman, L. B. 2 *s*
165 S. Arlington, E. Orange
Kaufman, S. K. 1 *c*
129 Wickliffe, Newark
Kaufman, W. 3 *s* 72 W. 89
Kavanagh, E. J. *ph*
1920 Anthony ave.
Kay, H. B. nm t *128 W. 84*
Kearney, G. S. 3 *s* Hartley
Kearney, L. I. 3 *t* 223 E. 39
Keenan, I. D. 3 b
70 Third Pl., Bklyn.
Keffler, K. *f a* 541 W. 124
Keil, G. *nm c*
Kyle Institute, Flushing

Keil, G. W. 3 *m*
Sunset View Park, New Rochelle
Keim, J. H. 1 *l*
1109 Madison ave.
Keister, A. S. *pl* 417 W. 120
Keith, U. N. 1 *m*
Keller, F. R. 4 *s* Livingston
Keller, H. H. ph *834 Beck*
Kelley, A. E. 1 b
207 Park Pl., Bklyn.
Kelley, F. A. 3 t
34 Lincoln, Jersey City
Kelley, M. F. 2 b *Brooks*
Kellogg, A. B. 3 *l* 2609 Bway.
Kellogg, C. T. ph
140 Claremont ave.
Kellogg, W. A. 2 *m* 48 W. 51
Kellogg, W. H. 2 *l* 527 W. 121
Kellogg, W. R. 1 *l*
Kells, L. M. *pl*
174 St. Nicholas ave.
Kellsey, M. S. 4 t Englewood, N. J.
Kelly, E., Mrs. 3 t 175 Second ave.
Kelly, E. E. 3 *l*
1088 Lafayette ave., Bklyn.
Kelsey, F. M. 4 t *3200 B'way*
Kelso, B. L. 3 *s* Hartley
Kemna, C. gr t *224 W. 52*
Kemp, J. T. 3 *c* 211 W. 139
Kemp, W. C. B. 4 *c* Livingston
Kemp, W. W. *gr t* Hartley
Kemper, A. H., Mrs. 4 t 420 W. 119
Kempton, E. M. 4 b
9 Van Cortlandt Pk. ave., Yonkers
Kempvanee, J. C., Jr. 1 *c*
121 E. 76
Kendall, B. W. *p* 507 W. 124
Kendall, F. W. nm t
207 Willet ave., Port Chester
Kendrick, B. B. *pl* 527 W. 124
Kennedy, L. 3 t
1266 Amsterdam ave.
Kennedy, P. A. 3 *t*
137 Garfield Pl., Bklyn.
Kennedy, R. H. 3 *m* 570 W. 182
Kenny, M. E. 1 b
214 St. Mark's ave., Bklyn.
Kent, R. A. *gr t*
1115 Amsterdam ave.
Kenyon, H. R *f a*
2100 Lexington ave.
Kerley, J. H. 1 *m* and *c*
350 Lafayette ave., Bklyn.
Kern, F. D. *p* 528 W. 123
Kerr, D. R. 1 *c*
2822 Ave. K, Bklyn.
Kerr, E. M. 4 t *503 W. 121*
Kersey, P. J. 3 *t*
Horace Mann School
Kessel, T. 3 t 100 Bay 26, Bklyn.
Kessler, G. W. 2 *l* Livingston
Ketcham, E. nm t *Whittier*
Ketcham, M. E. 3 t *Whittier*
Ketchum, F. L. 3 *c* 667 Teasdale Pl.
Ketchum, R. S. *ph*
667 Teasdale Pl.
Ketels, L. H. 2 *c* 76 Hooper, Bklyn.
Keune, E. nm t *2036 Fifth ave.*
Keyes, C. H. *gr t* 414 W 118
Keyes, G. T. 4 *c* 414 W. 118
Keys, E. J. gr t *542 W. 124*
Kidd, H. C. *pl* 315 W. 14
Kiefer, K. H. 1 *s* Hartley
Kiely, R. 1 *s* 116 E. 54
Kiendl, T., Jr. 1 *l* 540 W. 113
Kieran, M. A. 4 t
641 Crotona Park, N.
Kilborn, O. *nm c* 316 W. 78
Kilényi E. *f a* 178 Second ave.
Kilroe, E. P. *pl* Hartley
Kinch, D. 2 b *74 W. 69*
King, E. D. 2 *c* 158 Garfield Pl.
King, E. E. ph *184 W. 135*
King, F. R. *f a* 20 E. 84
King, H. B. 1 *s* 618 W. 113
King, H. L. *p* 511 W. 112
King, H. W. 4 t *Whittier*
King, L. C. *ph* 511 W. 112
King, L. H. *ph* 252 W. 53
King, L. R. 1 *l* 20 E. 84
King, R. M. 2 *c*
34 Greene ave., Bklyn.
King, S. M. 1 *s*
27 Lincoln, New Rochelle
King, V. K. 3 b
28 Chestnut Lane, New Rochelle
King, W. T. *nm l* Livingston
Kingsbury, M. G. ph
14 Prospect Drive, Yonkers
Kingsley, J. F.
Kinney, M. 2 *c* 314 W. 72
Kinney, W. 3 *c* 314 W. 72
Kinsman, R. E. 4 *s* 348 W. 87
Kirby, R. T. *nm s*
54 Morningside ave., W.
Kirby, T. J. *gr t* Livingston
Kirchgraber, C. H. 2 *s* Hartley
Kirchwey, K. W. 3 *l*
908 St. Nicholas ave.
Kirck, H. E. 1 t *420 W. 121*
Kirk, A. B. 4 t *527 W. 121*
Kirk, D. 4 *s* Hartley
Kirk, D. W. 2 t
55 Elm ave., Mt. Vernon

Kirkpatrick, D. D. 2 *s* 150 E. 49
Kirschberg, M. 4 *s* 25 W. 123
Kirschstein, J. 1 *s* 222 Henry
Kirtland, J. V. 3 t *239 W. 112*
Kisch, S. D. 4 t
229 Nelson ave., Grantwood
Kislovsky, A. 3 *s* Hartley
Kistler, G. 3 *l* 616 W. 113
Kitahara, V. *pl* 600 W. 122
Kivlen, M. D. pl
365 Edgecombe ave.
Klafter, S. H. *ph* 240 E. 7
Klaus, H. 3 *m*
463 Clinton ave., Hoboken
Kleeberg, G. S. P. *pl* 146 W. 77
Klein, C. F. 1 *s* 206 W. 148
Klein, E. 2 *c* 418 E. 5
Klein, J. A. *ph* Madison, N. J.
Klein, L. 2 *l* 105 W. 136
Klein, L. *ph* 57–7
Kleinbaum, E. N. 3 *s*
373 Washington ave., Bklyn.
Kling, J. *gr t*
323 Bedford ave., Bklyn.
Klingenstein, J. 4 *c* 102 E. 79
Kloster, W. J. 2 *c*
215 St. John's Pl., Bklyn.
Klugescheid, R. C. 4 *c* 170 W. 89
Knapp, C. M. 1 *c*
1737 Sedgwick ave.
Knapp, F. A. nm b
862 President, Bklyn.
Knapp, J. A. ph *772 Park ave.*
Knapp, R. P. 4 *m* 161 W. 75
Knappe, A. H. *f a* Ardsley, N. Y.
Kneip, M. H. 3 t *Whittier*
Knight, F. S. 1 *l* 211 W. 127
Knight, G. nm t *425 W. 114*
Knight, W. A. 2 *m*
Union Theological Seminary
Knollenberg, C. E. gr t *501 W. 121*
Knopf, A. A. 2 *c* Lawrence, L. I.
Knopf, S. H. 1 *s* 302 E. 34
Knowlton, M. E. ph *1076 Fox*
Knuth, H. G. 1 *c* 565 W. 113
Koch, E. H., Jr. *p*
Maplewood, N. J.
Koch, M. I. 4 t *Whittier*
Koechl, O. R. *f a* 7 E. 41
Koehler, B. K. 3 t
84 Kip ave., Rutherford
Koenig, E. H. 2 s 429 W. 117
Koenig, E. L. F. 3 *c* 28 W. 83
Koenig, L. 4 *c* 80 W. 12
Kohl, K. *ph*
52 Sand, Stapleton, S. I.
Kohlbusch, A. H. 2 *s* 431 W. 117
Koller, M. A. 4 *s*
1646 Amsterdam ave.
Kominz, J. S. 1 *m* 26 E. 120
Konarski, M. M. 1 *c* 356 E. 72
Konkol, C. J. 1 *s* 1229 First ave.
Konta, G. 3 *l* 42 W. 47
Koo, V. K. W. *pl* Hartley
Kopeloff, N. 3 *c* 824 E. 165
Köpke, B. A. S. K. nm t
503 W. 121
Korn, M. H. 2 *s*
Elm ave., Hackensack
Korn, S. S. 4 *c* 238 E. 68
Koscherak, I. 1 b
452 Riverside Drive
Koss, I. G. 3 b *628 West End ave.*
Koster, J. W. 4 *s*
115 Locust Hill ave., Yonkers
Kottek, H. C. 1 *c* 58 E. 61
Kozan, G. *ph* 137 W. 145
Kraft, P., Jr. 3 *s* 919 Ogden ave.
Krakow, M. H. 1 *m* 67 E. 97
Kready, L. F. K. 3 t *420 W. 119*
Krefeld, W. J. 1 *s* 74 W. 102
Krellenstein, R. 4 t *969 Trinity ave.*
Krim, S. S. 2 *s* 133 W. 113
Krim, S. S. *nm s* 201 W. 121
Krolfifer, J. F. 1 *c*
1295 Amsterdam ave.
Kroll, A. 1 *c* 344 E. 85
Kroll, C. 2 *s* 400 Manhattan ave.
Kronheimer, A. S. 2 *s*
90 Morningside, W.
Kronman, D. E. 3 *m*
638 Lafayette ave., Bklyn.
Kronman, S. S. 3 *t* 1205 Tinton ave.
Kruemmer, A. W. 4 *s* Hartley
Krug, C. K. 1 *c* 13 E. 41
Krumbeck, W. 4 *t*
91½ Ross, Bklyn.
Kubie, D. L. nm t
Wave Crest, Far Rockaway, L. I.
Kugel, A. *f a* 822 Hewitt Pl.
Kugler, A. A. 4 t *441 E. 134*
Kuhlmann, A. E. 1 *m* Union, N. J.
Kuhn, A. gr t *2730 Broadway*
Kuhn, A. K. *pl* 308 W. 92
Kuhn, I. 1 *c* 181 E. 93
Kuhn, S. O. 3 *c* 2730 Bway.
Kunstler, M. B. 4 *c* 204 W. 136
Kunzman, I. 3 *c* 24 W. 118
Kupferstein, J. J. 1 *s*
8661 Bay 36, Bensonhurst
Kurtzworth, H. M. *nm t* Hartley
Kurz, H. *ph* 214 Eldridge
Kurz, J. B. 2 *s*
105 Throop ave., Bklyn.

Kutner, M. 3 b *714 W. 180*
Kuzmier, G. P. 4 *s* 159 E. 49
Kwan, Y. C. 3 *c* Hartley

Lacey, O. V. 3 b *214 E. 51*
LaCorte, L. S. 1 *l* Hartley
Lacy, F. T. 4 *s* 411 W. 115
Ladd, M. I. 4 t *195 Claremont ave.*
Laden, J. E. *p* 508 W. 114
LaDow, S. V. 2 *c* 610 W. 116
Laguardia, G. 1 *c*
269 Pleasant ave.
Lagurdia, G. 2 *s*
269 Pleasant ave.
Lahey, W. S. 2 *c*
520 Summit ave., Jersey City
Laidlaw, M. C. nm t *524 W. 122*
Laidler, H. W. *pl*
236 Halsey, Bklyn.
Laitem, L. L. 3 t *500 W. 121*
Lamb, K. B. 3 *s* 360 W. 22
Lambert, L. L. 3 *t* 118 W. 129
Lambert, P. C. 3 b *606 W. 135*
Lamont, A. N. *f a* Hartley
Lamont, F. C. ph
Lancaster, L. R. 4 t *Whittier*
Lance, H. B. *gr t*
2768 Bainbridge ave.
Landman, E. S. 1 *s*
838 West End ave.
Landolt, P. E. 3 *s* 375–6, Bklyn.
Landru, L. E. 3 b *504 W. 112*
Landsman, C. M. *gr t* 6 W. 115
Landy, J. A. 1 *m* 2948 Third ave.
Lane, A. M. 4 t *Englewood*
Lane, A. P. 2 *s* 247 W. 103
Lane, E. S. *pl* Chelsea Square
Lane, W. D. *pl* 237 E 104
Laney, E. M. ph *Whittier*
Lang, F. L. *f a* 501 W. 121
Lang, W. G. *ph*
770 Eleventh ave., L. I. City
Langford, J. E. 3 *t*
34 Spruce, New Rochelle
Langford, M. M. 3 t *35 W. 96*
Langford, W. B. 3 *s* 618 W. 113
Langley, R. H. 2 *s* Livingston
Langstaff, B. M. 3 *l*
19 Seventh ave., Bklyn.
Langton, W. S. *p* 33 W. 126
Langworthy, H. T. 4 *m*
346 W. 57
Lanning, I. M. 4 t *Whittier*
Lapidus, A. 1 *s* 9 E. 117
La Pierre, L. S. 1 *f a*
1090 Bushwick ave., Bklyn.
La Plante, J. B. E. 2 *l* 608 W. 113
Lapolla, S. M. *ph* Tenth ave. & 59
Larimore, L. D. p *2 E. 127*
Laroque, F. 4 *s* Livingston
Larson, G. B. 3 *c* 419 W. 115
Larson, H. M., Jr. 1 *m*
240 Rutland Rd., Bklyn.
Lasher, J. K., Jr. 1 *c* 627 W. 115
Lasher, W. W. 1 *c*
827 Lexington ave.
Lashkowitz, B. D. 3 *f a*
7 Rankin, Newark
Lassman, B. 3 *s*
1248 St. Nicholas ave.
Latenser, F. J. *f a* 429 W. 117
Latenser, J., Jr. *f a* 531 W. 135
Lathrop, D. P. nm t *Whittier*
Lathrop, J. E. 2 *s*
584 Warburton ave., Yonkers
Lathrop, L. M. 3 t *505 W. 121*
Lathrop, T. S. 1 *s*
584 Warburton ave., Yonkers
Latimer, E. 4 *s* 627 W. 115
Latimer, H. R. 3 *s* 627 W. 115
Latzke, C. 4 t *501 W. 111*
Latzke, F. 3 b *501 W. 111*
Latzke, P. 2 b *501 W. 111*
Laubach, F. C. *p*
Union Theological Seminary
Laucks, S. S. *pl* Livingston
Lavell, C. F. *gr t* 2 W. 104
Law, M. F. ph *700 W. 178*
Lawler, M. H. 1 b *569 W. 182*
Lawrence, E. P. 3 t *602 W. 125*
Lawrence, L. M. ph *537 W. 123*
Lawrence, R. *nm c* 45 Broadway
Lawrence, R. J. 1 *c* 133 E. 73
Lawsing, G. C. 3 *m* 35 W. 60
Lawson, L. A. *pl* Kenilworth, N. J.
Lay, V. pl *422 W. 119*
Lazerus, J. *c* 15 E. 116
Leach, A. A., Jr. 4 *s* 418 Dean
Lebendiger, I. 3 *c* 155 Orchard
Lebowich, L. *gr t*
769 Willoughby ave., Bklyn.
Lechenger, G. C. 3 *m* 349 W. 57
Lee, A. G. 3 t *456 W. 141*
Lee, B. H. *pl*
338 Alexander ave.
Lee, E. F. *pl* St. Albans, L. I.
Lee, L. V. 1 *s* Hartley
Lee, M., Jr. 1 *s*
Lee, M. T. p *66 W. 95*
Lee, W. M. 3 *c* 248 W. 127
Lee, W. M. nm t *568 W. 149*
Leeds, J. B. *pl*
Lefferts, A. 4 *c* 254 W. 74
Lefkovics, T. A. E. 1 *m* 301 E. 10

Lefkowitz, J. *gr t* 3 Avenue C
Leggett, T. H., Jr. 1 *c* Hartley
Leiffer, J. H. 2 *m* 288 Lenox ave.
Leiner, J. 2 *s* Hartley
Leiser, F., Jr. 4 *s*
682 Harman, Bklyn.
Leiserson, W. M. *pl*
1437 Boston Rd.
Leissner, E. E. 3 *l*
1364 Lexington ave.
Leiter, S. B. p *983 Summit ave.*
Leland, A. 4 t
1109 Amsterdam ave.
Leland, A. P. gr t *94 Lawence*
Leland, R. L. 4 t
1115 Amsterdam ave.
Leland, S. R. *ph*
Madison, N. J.
Leo, E. 4 t *264 W. 139*
León, T. C. *f a* 1878 Seventh ave.
Leonard, C. W. 3 t
Forrester Place, Bayonne
Leonard, R. J. 3 *t*
Leopold, I. *ph* 360 St. Ann's ave.
Leovy, E. nm t *509 W. 122*
Le Roy, W. I. 3 *t* Livingston
LeSeur, H. H. 2 *m* 325 W. 58
Leslie, A. G. 4 t *Whittier*
Lesselbaum, S. *pl* 230 E. 6
Lesser, M. L. 2 *l* Hartley
Leszynsky, L. J. 1 *c* 307 W. 79
Letton, H. P. 3 *s* 418 W. 118
Leve, J. A., 2 *l* 306 W. 94
Levengood, L. M. 3 *t* 521 W. 123
Levensohn, R. ph *843 Jennings*
Leveridge, E. S. 3 b
277 E. Broadway
Levin, C. E. *f a* 129 W. 122
Levin, L. O. 4 *m* 22 E. 120
Levin, M. 4 t *501 W. 121*
Levine, L. *pl*
194 New Jersey ave., Bklyn.
Levine, M. *p* 449 W. 124
Levine, Maurice, 3 *c*
160 Vernon ave., Bklyn.
Levine, O. 3 *l* 48 W. 114
Levine, S. 2 *m* 108 Moore, Bklyn.
Levine, V. E. *p* 81 Second ave.
Levinson, H. 1 *s* 1225 Boston Road
Levinson, N. H. 2 *c* 93 Monroe
Levinson, S. J. 3 *c*
372 Wallabout, Bklyn.
Levinson, S. 3 *s*
177 Eighth ave., Bklyn.
Levkowits, A. 2 *s*
1066 Morris ave.
Levkowitz, S. *gr t* 80 E. 127
Levowitz, H. R. 1 *s*
1660 Washington ave.
Levy, A. K. 3 *s*
362 St. Nicholas ave.
Levy, H. A. 1 *c* 104 E. 79
Levy, Jerome J. 2 *c*
709 Bushwick ave., Bklyn.
Levy, Joseph 3 *c*
408 Douglas, Bklyn.
Levy, L. E. 3 *s*
100 Morningside ave., W.
Levy, L. M. 3 *c* 1893 Seventh ave.
Levy, N. R. 4 *s*
98 Morningside ave., E.
Levy, S. L. *pl* 5 Orchard
Lewine, C. 1 b *116 E. 78*
Lewis, A. B. p
Staten Island Academy, New Brighton
Lewis, C. L. 2 *c* 124 E. 81
Lewis, C. L. *ph* Hartley
Lewis, E. D. *pl* 507 W. 113
Lewis, E. E. *gr t* Hartley
Lewis, E. R. *pl*
Union Theological Seminary
Lewis, F. R. 4 *m* 346 W. 57
Lewis, L. C. *ph* Chelsea Square
Lewis, R. *pl* 26 Jones
Lewis, S. L. nm t *537 W. 121*
Lewontin, E. 3 b *458 Third ave.*
Li, C. L. *1 c*
Liberman, J. M. 2 *s*
1245 Madison ave.
Lichtenstein, L. 1 *s*
1057 Bedford ave., Bklyn.
Lidbetter, M. 4 t
90 Locust Hill ave., Yonkers
Liebler, H. B. 3 *c* Hartley
Liebowitz, B. 4 *s* 31 W. 89
Liebowitz, S. *p* 31 W. 89
Liff, J. 3 *c* 49 E. 102
Lincoln, L. f a *Brooks*
Lindsay, F. N. *ph* 422 W. 119
Lindsey, E. 2 *s* 522 W. 123
Lindsley, G. *f a* 558 W. 113
Lindsley, T. *ph* 82 Beaver
Lingg, S. C. 2 b
303 St. Paul's ave., Tompkinsville
Linsly, E. H. 3 t *64 E. 80*
Lint, T. 2 b *223 Hewes, Bklyn.*
Lintz, J. 1 *c* 56 E. 3
Lipari, A. 4 *c* 2025 Madison ave.
Lipari, A. F. 2 *s* 2025 Madison ave.
Lipman, I. *nm c*
505 Ave. C, Bayonne
Lipman, L. H. 1 *s* 152 W. 85
Lippincott, R. H. 3 t *Whittier*

Lippmann, H. M. *f a* 60 E. 91
Lipschultz, J. 1 *c* 45 Floyd, Bklyn.
Liss, I. E. 3 *m* 1202 Fulton ave.
Little, J. T. 1 *c* 1911 Crotona ave.
Little, M. C. 3 t *Emerson*
Liu, C. Y. 4 *s* Hartley
Livingston, J. D., Jr. 2 *s*
501 W. 120
Lloyd, L. 4 *c* 151 W. 22
Lloyd, G. P. 1 *l* 12 W. 50
Loag, M. A. 3 t *Abingdon Sq.*
Loag, M. L. 3 *t* Eighth ave. & 12
Lobdell, G. M. 4 t *Whittier*
Lobeck, A. K. 4 *c* Haworth, N. J.
Lobsenz, H. L. 3 *c* 338 E. 51
Locke, G. ph *12 E. 73*
Locke, L. L. *gr t*
1102 Lincoln Pl., Bklyn.
Lockwood, J. B. ph *17 E. 26*
Lockwood, L. 2 *s* 39 E. 42
Lockwood, M. I. nm b *137 E. 79*
Lockwood, P. 1 b *550 Park ave.*
Loeb, L. B. 3 *c* 103 E. 78
Loebenberg, A. 2 *s*
285 St. Nicholas ave.
Loebenstein, J. 3 *s* 67 E. 84
Loening, G. C. 4 *s* 82 E. 77
Loewy, J. 3 *s* 345 E. 146
Logan, A. L. 4 t *Whittier*
Logan, J. H. *ph*
Logan, L. L. 3 t *Whittier*
Logan, W. 2 *c* 76 Perry
Loggins, J. A. 2 *m* 157 W. 68
London, E. W. 2 b *24 E. 120*
London, I. E. 3 b *64 W. 115*
Long, D. ph *42 Lenox Rd., Bklyn.*
Long, R. V. 3 *t* Hartley
Long, S. V. ph *519 W. 121*
Longenecker, A. B. 4 t *565–9, Bklyn.*
Lopez, E. A. 3 *m* Nanuet, N. Y.
Lopez de Victoria, C. 1 *m*
169 E. 69
Lord, J. W. 4 *s* 627 W. 113
Lordly, L. C. 3 *s* 431 W. 117
Lorentz, M. M. 1 *c*
596 Monroe, Bklyn.
Lotz, E. 4 t *121 Essex, Bklyn.*
Loughlin, J. J. *phar*
1266 Second ave.
Loughran, G. A. *gr t* 405 E. 139
Loughran, K. A. nm t *210 E. 36*
Loughren, A. 3 b
337 Marshall, Elizabeth
Louis, M. 4 t *440 E. 26*
Love, G. S. 3 *l* Livingston
Love, H. M. *ph* 520 Quincy, Bklyn.
Lovejoy, J. M. 4 *s* 608 W. 113
Lovell, G. G. 4 t *2675 Heath ave.*
Low, H. F. 3 t
257 Summit ave., Mt. Vernon
Lowe, D. V. 4 *s* 523 W. 113
Lowe, R. J. *nm c* 536 W. 114
Lowens, H. 2 *m* 243 E. 13
Lowenstein, A. G. 2 *c* 248 Division
Lowndes, E. 1 b
19 Wallace ave., Mt. Vernon
Lowrie, J. M. *pl* Hartley
Lowry, E. A. 4 t *Whittier*
Lowther, F. de L. 3 b
610 Riverside Drive
Lowy, A. 4 c 438 E. 86
Loya, P. *phar*
373 Manhattan ave., Bklyn.
Loyola, Sister, ph
Lubarsky, D. A. 1 *m* 506 W. 122
Luce, E. B. 3 *t* Ridgefield Pk., N. J.
Ludington, A. C. *pl* 56 W. 10
Luhman, C. 2 *c* New Rochelle
Lührs, I. 2 *l*
153 North, Jersey City
Lum, S. C., Jr. *nm c*
Elizabeth, N. J.
Lundborg, H. G. 1 *s* 356 W. 122
Lundquist, F. G. sp b *Brooks*
Lunn, R., Jr. 2 *s*
66 Brinkerhoff, Jersey City
Lustgarten, A. 3 b *530 W. 125*
Lyall, O. C. nm t *327 W. 15*
Lydecker, C. A. *f a*
Maywood, N. J.
Lyford, G. L. 4 t *Whittier*
Lyman, L. 3 t *Manasquan*
Lynch, J. A. 1 *c* 250 Willis ave.
Lynch, K. D. 4 *m*
615 Charles, Hoboken
Lynch, L. O. 3 *t*
4 Valley Rd., White Plains
Lynch, M. F. nm t
132 Cambridge Pl., Bklyn.
Lyon, A. T. nm t
839 West End ave.
Lyon, D. *ph* Mt. Vernon
Lyon, H. B. 4 t *505 W. 121*
Lyon, L. G. *ph*
41 Hamilton ave., New Brighton
Lyon, L. H. *f a* Hartley
Lyons, J. R. *ph*
Union Theological Seminary
Lyons, M. B. ph *187 E. 17, Bklyn.*
Lyons, S. 1 *c* 1644 Fulton, Bklyn.

McAdoo, F. H 1 *l* 25 Madison ave.
McAfee, A. M. *p* Livingston
McArdle, W. H. 3 *s* Hartley

McCall, F. S. 3 *t*
171 Park ave., E. Orange
McCall, R. gr t
Miss Rounds's School, Bklyn.
McCallum, J. D. 1 *c*
624 Bloomfield ave., W. Nutley
McCann, D. F., Jr. 1 *m*
312 Avenue C, W., Bklyn.
McCann, E. O. 4 *s*
1532 Bedford ave., Bklyn.
McCarthy, J. S. *p* 163 W. 74
McCarty, S. A. gr t *417 W. 120*
McChesney, P. E. 4 *m* Greenwich
McChristie, J. C. 3 *l*
1058 Cauldwell ave.
McClane, M. 3 t
100 Morningside ave., W.
McClatchy, C. K. 1 *c* 531 W. 113
McClelland, G. F. 3 *s* 656 W. 178
McClelland, G. H. *pl*
319 S. 5, Bklyn.
McClure, E. G. nm t *24 W. 12*
McClure, E. J. C. 4 t
7 Glenada Pl., Bklyn.
McClure, H. 4 t *1987 Morris ave.*
McClure, H. C. nm t
Chauncey, N. Y.
McClure, M. T. *ph* 414 W. 118
McClure, R. E. 1 *m* 236 W. 52
McCollister, A. 3 t *283 Rivington*
McConnell, C. R. 1 *s* 38 Barrow
McConnell, W. *f a* 531 W. 113
McCook, J. F. 2 *s*
156 Barbey, Bklyn.
McCook, K. nm b *33 W. 54*
McCord, M. O., *pl* 407 W. 117
McCorkle, D. S. pl
Union Theological Seminary
McCormack, M. A. 3 t *Whittier*
McCormick, E. R. 4 t *420 W. 121*
McCormick, E. T. 3 t *310 W. 113*
McCormick, J. K. 2 *c* 237 E. 48
McCormick, M. G. pl *Whittier*
McCoun, F. H., Jr. 3 *l* 39 W. 84
McCrae, A. 3 t *526 W. 114*
McCreery, M. C. pl 3 Gramercy Pk.
McCrodden, E. V. 1 b *103 E. 112*
McCullock, R. E. pl 3 Gramercy Pk.
McCune, M. M. 1 *s* 608 W. 113
McCurdy, U. F. 3 *m* 318 W. 57
McCurry, D. E. *pl*
180 Claremont ave.
McCurry, M. P., Mrs. ph
180 Claremont ave.
McDermott, J. M. 2 *s* 531 W. 121
McDowell, F. ph 391 West End ave.
McElfresh, R. F. *f a* 527 W. 121
McElreath, M. E. sp b *Whittier*
McElvare, G. G. 2 *c*
231 Decatur, Bklyn.
McElvare, R. R. 1 *c*
231 Decatur, Bklyn.
McEntegart, T. E. 1 *l* 360 W. 51
McGill, H. E. 3 *s* 347 W. 123
McGirley, J. J. 3 *s* 71 Bedford
McGivney, V. S. 2 b *334 W. 56*
McGolrick, J. E. 1 *c* 156 W. 131
McGown, D. 2 *s* 618 W. 113
McHenry, L. W. 1 *l* Hartley
McIlroy, A. A. 4 t *407 E. 142*
McIntyre, C. F. ph *Whittier*
McIntyre, W. F. A. 2 *s*
45 Convent ave.
McIver, F. F., Jr. 3 *s* 334 Fifth ave.
McKean, L. S. 3 t *506 W. 122*
McKean, R. C. 2 *c* 431 W. 117
McKechnie, M. W. nm t *423 W. 118*
McKee, G. I. 3 b *Brooks*
McKeever, E. J. 4 b *17 Bank*
McKellar, R. S. 2 *l* 949 Ogden ave.
McKenzie, I. 3 b
67 Lenox ave., E. Orange
McKeown, M. J. gr t
762 West End ave.
McKeown, S. A. 4 *s*
762 West End ave.
McKinlay, C. M. 4 *m* Tenafly, N. J.
McKnight, J. L. 3 *t*
Central Valley
McKnight, E. M. 4 t *517 W. 113*
McLane, F. M. gr t *229 W. 126*
McLaughlin, G. M. 1 b
Great Kills, S. I.
McLaughlin, G. M. 3 t
121 Herriman ave., Jamaica
McLaughlin, W. 2 *s* 220 W. 87
McLaury, H. E. H. 3 t *27 W. 129*
McLean, E. H. 3 *m* Livingston
McLeod, R. H. 3 *s*
118 Park Pl., Passaic
McLochlin, G. G. 3 *s*
Broadway and 86
McLoughlin, F. O. X. 3 *s*
770 St. Nicholas ave.
McLoughlin, W. G. 3 *l*
McMahon, G. S. 1 *l* 517 W. 124
McMahon, W. F. 2 *l* 363 W. 55
McMichael, A. T. *nm s*
University Heights
McMinn, A. gr t *505 W. 122*
McNally, M. A. p *420 W. 116*
McNulty, D. S. 1 *c*
182 Claremont ave.
McNutt, G. M. *nm c* 527 W. 121

McPhail, C. nm t *420 W. 118*
McPheeters, J. D. L. 3 *m*
237 W. 76
McQueen, K. 3 t *417 W. 120*
McRae, F. E. gr t
480 Central Park, W.
McSorley, J. *pl* 415 W. 59
McVickar, H. I. 1 b
269 N. Fulton ave., Mt. Vernon
McWalters, M. E. 3 t
2434 Broadway
McWilliams, N. B. 2 *m* 231 W. 69
Ma, T. S. 1 *c* Hartley
Ma, Y. C. *pl* Livingston
Maas, L. W. 3 *s* 260 W. 99
Macauley, E. I. 1 b *328 E. 124*
Macavoy, C. H. ph *Amsterdam&117*
MacCarthy, C. F. 1 *s* 425 W. 118
MacCoull, N., Jr. 2 *s* 537 W. 121
MacDonald, B. N. 2 b
133 Richmond ave., Port Richmond
Macdonald, F. 1 *s* 510 W. 113
MacDonald, L. A. 3 b
586 Summer ave., Newark
MacDermott, S. S. 3 *s* 323 W. 84
MacGregor, K. M. 1 t
MacGuire, C. J., Jr. 4 *m* 120 E. 60
Machol, A. *phar* 1153 Boston Rd.
Mack, L. M. gr t *Whittier*
MacKay, J. K. 3 b
Prescott ave., Inwood
Mackby, J. *f a* 518 W. 151
MacKechnie, H. W. 1 *s*
1164 Pacific, Bklyn.
MacKenna, D. F. 3 t
130 Claremont ave.
Mackenzie, E. H. 4 *c* 604 W. 114
Mackenzie, G. M. 2 *m* 231 W. 69
Mackenzie, J. C., Jr. *f a*
Mackey, R. J. 3 *c*
245 Summit ave., Jersey City
Mackintosh, J. H. 4 *c*
Maclagan, F. 3 t *Whittier*
MacLean, G. 2 *s*
110 Jaggar ave., Flushing
Macmahon, A. W. 3 *c*
Lyndhurst, N. J.
Macpherson, E. C. 4 t *Whittier*
MacPherson, G. W. 1 *m* Sea Gate
Macpherson, L. B. 3 t *Whittier*
Macrae, E. W. gr t *523 W. 121*
MacRossie, A. A. 1 *c*
1981 Madison ave.
MacRossie, W. 2 *c*
1981 Madison ave.
Macy, M. D. 3 t *101 W. 80*
Magid, A. 2 b *1330 Bristow*
Magnette, J., Jr. 1 *c*
73 Burnett, Newark
Maguire, C. F. 4 *c* 118 W. 84
Mahler, A. B. 4 t
1970 Hughes ave.
Mahler, C. H. 2 *s* 35 W. 96
Mahler, L. ph *930 West End ave.*
Mahnken, A. H. ph
2118 Mohegan ave.
Mahon, D. H. 3 b *229 W. 138*
Mahon, H. F. 1 b *186 W. 135*
Mahon, R. V. 2 *l* 229 W. 138
Maid, C. J. *phar* Livingston
Major, A. 3 t *Whittier*
Mallory, V. S. 2 *c*
1 Mt. Morris Park, W.
Malone, M. A. 3 t
448 St. Nicholas ave.
Maloy, J. P. 2 *s* New Brighton
Maltby, L. H. 4 t *Whittier*
Mampel, C. J. 2 *s* 211 W. 107
Mancusi-Ungaro, M. E. 3 *s*
Mandel, A. J. E. 1 *c* 524 Grand
Mandell, S. B. 2 *s* 132 E. 82
Mandl, M. M. 1 *c* 229 E. 85
Mandle, H. H. 1 *s* 201 W. 120
Manès, R. A. 2 *s*
414 Central Park, W.
Manful, H. 4 t *Whittier*
Manheimer, W. A. *p.* 505 W. 135
Manheims, P. J. 3 *m* 154 W. 129
Manlove, M. B. 4 t *Whittier*
Mann, C. F. 3 t
12 Adams, Mt. Vernon
Mann, J. 2 *c* 1302–67, Bklyn.
Manser, R. B. 1 b
31 Shady Side, Summit, N. J.
Mann, L. T. 1 *s*
7420–13 ave., Bklyn.
Manning, C. A. 2 *c* 144 E. 74
Manuel, M. f a *609 W. 127*
Mapes, L. R. 2 *s* Spring Valley
Maple, E. O. 4 *t* 449 W. 124
March, M. B. 3 t
81 Morningside ave., E.
Marchmont, J. H. 1 *l* Hartley
Marcus, B. K. 2 *c*
315 Riverside Drive
Marcus, C. L. 3 *l* 315 Riverside Dr.
Marcus, S. 2 *c*
525 Watkins, Bklyn.
Marcy, E. 3 t *Whittier*
Margolis, L. 4 *s* 1407 Fifth ave.
Margoshes, S. *ph* 284 S. 2, Bklyn.
Margulies, I. E. *t*
961 DeKalb ave., Bklyn.
Marion, P. 1 *c* 12 E. 39, Bayonne

Marks, H. G. 3 t *503 W. 121*
Marley, R. J. 1 b *Brooks*
Marquardt, E. 3 *s* 974 First ave.
Marrs, L. E. p *507 W. 124*
Marsh, H. W. 4 *c*
39½ Washington Sq.
Marshall, G. M. 3 *c* 550 W. 114
Marshall, J. A. 4 t *Whittier*
Marshall, M. 4 t *527 W. 121*
Martin, A. C. 3 b
43 Astor Pl., Jersey City
Martin, A. K. 3 *c* 429 W. 117
Martin, A. L. 4 b *Whittier*
Martin, A. P. 1 *l* Livingston
Martin, A. S. 1 *s*
Martin, C. H. 2 b *26 Convent ave.*
Martin, E. R. nm t
188 Park Pl., Bklyn.
Martin, F. J. 4 t *562 W. 148*
Martin, K. I. nm t
165 Kearny ave., Perth Amboy
Martin, M. G. 3 t
49 N. Y. ave., Bklyn.
Martin, N. L. 3 t *Whitlier*
Martin, W. 1 *c* 115 E. 31
Marum, M. G. 4 *s*
54 Hillside ave., W. Orange
Marvin, H. H. *p* 507 W. 124
Marx, R. M. 2 *s* Hartley
Maschmedt, M. R. 3 b
62 Orchard, Astoria, L. I.
Mason, H. H. 1 *s* 4 W. 104
Mason, J. B. 4 t *Whittier*
Mason, M. G. *p* 520 W. 122
Mason, M. H. 2 b
61 Monroe, Bklyn.
Mason, W. C. *gr t*
431 Riverside Dr.
Masson, H. J. 1 *s*
2377 Washington ave.
Masten, M. E. 3 t *414 W. 118*
Masters, K. W. nm t *Emerson*
Mather, S. B. 3 t *501 W. 120*
Mathes, F. P. 4 t *166 W. 129*
Matheson, G. W. 1 *c*
609 Nostrand ave., Bklyn.
Mathews, E. A. 3 b
2333 Washington ave.
Mathews, M. E. nm t *142 W. 139*
Mathews, W. E. 1 *c* W. 121
Mathewson, C. A. *p*
996 St. John's Pl., Bklyn.
Mathison, E. 1 b *547 Broome*
Matienzo, C. de 4 t *Whittier*
Matson, E. f a and *ph*
1249 Pacific, Bklyn.
Matsuda, M. pl *601 W. 172*
Matt, C. D. *ph* 531 W. 123
Matteson, E. B. 4 t *430 W. 118*
Matzner, P. A. 3 t
471 Central Park, W.
Mau, L. E. gr t *419 W. 118*
Maul, W. F. 3 *c* 239 W. 105
Maurer, G. L. 3 *c* Haven ave. & 181
Maurice, S. 2 *c* 565 W. 113
Maxwell, C. L. 1 b *Brooks*
Mayer, E. 2 *m* 263 Alexander ave.
Mayer, E. S. 4 t *423 W. 118*
Mayer, E. T. 1 b
Corona Park, Corona, L. I.
Mayer, M. D. 3 *c* 247 E. 71
Mayer, T. 4 b *41 E. 72*
Mayer, V. 4 t *853 St. Nicholas ave.*
Mayers, L. *pl*
678 Greene ave., Bklyn.
Maynard, E. L. 4 t *Whittier*
Maynz, T. 3 *s* 981 Madison ave.
Mayo, M. J. *ph*
E. D. Y. M. C. A., Bklyn.
Mazzoni, P. *phar* Union Hill, N. J.
Mead, C. D. *gr t* Livingston
Mead, M. J. f a *430 W. 122*
Meads, H. M. 3 t
Meares, K. deR. 3 t *Whittier*
Mebane, T. S. 2 *m* 173 W. 81
Medina, H. R. 2 *l*
273 Jefferson ave., Bklyn.
Megrew, G. 3 *l* Plainfield, N. J.
Mehler, E. M. 4 b
619 West End ave.
Mei, H. C. 3 *c* 457 W. 123
Meikle, A. M. *pl*
Union Theological Seminary
Meisel, C. J. W. 3 *c* 458 W. 142
Meissner, C. E. 2 *s* 627 W. 113
Melitzer, E. B. 2 *s* 246 Rivington
Melitzer, S. 4 *s* 246 Rivington
Mellen, H. L. 3 *s* Hartley
Melsha, J. C. 2 b
72 Greene ave., Bklyn.
Melvin, H. M. 3 t
123 Warburton ave., Yonkers
Mendelsohn, A. 4 *s* Hastings
Mendelson, A. 3 *m* 137 W. 112
Meng, F., Jr. *phar* 284 E. 152
Menhennick, C. J. 3 *t* 522 W. 123
Merrell, C. F. 2 *l* Livingston
Merriam, B. E. *gr t*
Merritt, A. H. 3 t *Whittier*
Merritt, E. M. ph *55 W. 82*
Mesick, H. I. *f a* Hartley
Messenger, W. J. ph *Whittier*
Messer, W. S. *ph* Livingston
Meyer, A. H. 4 *c* 316 W. 116

Meyer, A. M. ph 907 St. John's ave.
Meyer, A. P. 2 *s* Hartley
Meyer, C. H. 2 *c* 139 W. 86
Meyer, E. G. 4 *s* 10 W. 64
Meyer, F. 2 *c* Hartley
Meyer, F. P. 3 t *103 W. 136*
Meyer, H. H. *gr t* 150 Fifth ave.
Meyer, L. M. 2 b *B'way & 113*
Meyer, M. M. gr t *520 W. 122*
Meyyes, E. 4 t
50 Louis, Stapleton, S. I.
Michael, J. C. 2 *l* Livingston
Michtom, J. S. 4 *c*
190 Riverdale ave., Bklyn.
Middleton, F. p 366 St. Nicholas ave.
Mignon, H. L. 3 t *Whittier*
Milbank, R. W., Jr. 1 *c* Riverdale
Miles, S. 3 t *519 W. 121*
Milheiser, C. F. 2 *c* Livingston
Milkman, W. B. 3 *l*
244 Garfield Pl., Bklyn.
Millard, E. F. ph
39 S. Fullerton ave., Montclair
Miller, A. A. *nm l* Livingston
Miller, A. M. 3 t *7 W. 131*
Miller, C. C. *gr t*
Miller, C. G. 4 t *Whittier*
Miller, E. T. gr t *Whittier*
Miller, H. *phar* Port Chester
Miller, H. R. 4 *m*
446 Willoughby ave., Bklyn.
Miller, H. W. 1 *c* 558 W. 113
Miller, I. 4 *t* 253 Madison
Miller, I. L. K. ph
Miller, L. M. ph *Whittier*
Miller, T. S. 1 *s* 107 W. 129
Miller, W. R. 4 *s* 536 W. 114
Mills, F. A. 1 b *600 W. 125*
Mills, M. E. 3 t *1647 Richmond T'pke, W. N. Brighton*
Minahan, M. E. 4 t *500 W. 121*
Miner, R. W. *p* 403 W. 115
Miner, S. L. 1 b *235 W. 109*
Minor, J. H. 4 *c* 550 W. 114
Minor, R. phar *512 W. 136*
Minor, S. B. 3 b *Brooks*
Minsky, H. 3 *c* 93 Second ave.
Mirsky, I. *p* 182 E. 72
Misono, H. 1 t *64 E. 133*
Misch, A. I. 3 b *921 Trinity ave.*
Mitchell, B. M. 3 t *241 W. 128*
Mitchell, C. G. 4 *s* Livingston
Mitchell, E. H. 4 t *Whittier*
Mitchell, J. P. ph *430 W. 118*
Mock, F. C. 2 *s* 647 E. 29, Bklyn.
Moffett, H. C. 3 *s* Hartley
Möhle, J. E. 1 b 2344 Aqueduct ave.
Mohr, W. R. 2 *c* 530 W. 142
Moitrier, W., Jr. 2 *m*
454 Putnam ave.
Mombert, A. T. 3 t
Moncure, E. C. 3 t *417 W. 120*
Monell, L. M. *phar* 115 W. 64
Montanaro, F. B. *f a* 159 Prince
Montgomery, E. A. 4 t *505 W 121*
Montgomery, G. L. 3 *s* 352 W. 117
Montgomery, K. S. 4 t *Whittier*
Montgomery, S. L. ph *503 W. 121*
Moody, J. E. p *Whittier*
Mook, C. C. 2 *c*
Moon, P. Le R. 2 *c*
68 Cornell ave., Yonkers
Moon, W. C. *nm t* 95 Day, Orange
Moore, A. P. 3 *c*
135 Franklin, Astoria, L. I.
Moore, C. A. 2 *c* Hartley
Moore, C. F. *gr t* 3315 Decatur ave.
Moore, C. M. G. 3 t
Riverside Drive & 177
Moore, D. M. 2 *s* Hartley
Moore, J. C. *gr t* 527 W. 124
Moore, J. E. nm t
77 Hillside ave., Newark
Moore, J. I., Jr. 3 *s*
1787 Undercliff ave.
Moore, L. G. 4 t *459 W. 123*
Moore, M. M. 4 t *Whittier*
Moore, N. A. 3 t
787 Broad, Newark
Moore, W. V. 1 *c*
787 Eastern Parkway, Bklyn.
Mordecai, E. C. 3 b *319 W. 105*
Mordecai, L. 3 b *319 W. 105*
Morgan, M. 1 b
Upper Montclair, N. J.
Morgan, T. C. 4 *s*
1173 Bushwick ave , Bklyn.
Morgenstern, A. F. sp b *45 W. 88*
Moritz, A. J. 4 t *525 W. 123*
Moritz, C. C. 1 b *Brooks*
Morrey, W. T. *ph* 535 W. 111
Morrill, A. H. 2 *s* 530 W. 122
Morrill, O. C. 4 *s* 530 W. 122
Morris, E. M. 3 b *396 E. 171*
Morris, F. K. *pl*
485 Central Park, W.
Morris, G. E. 2 b *396 E. 171*
Morris, G. W. 3 *l* Livingston
Morris, M. D. *gr t* 507 W. 124
Morris, R. M. *f a*
234 Hancock, Bklyn.
Morris, S. A. *phar* 141 W. 113
Morrisey, L. I. 4 t *Whittier*
Morrison, C. E. 4 t *402 W. 124*

Morrison, I. D. 3 b *309 W. 86*
Morrison, S. T. B. 1 *l* 371 W. 119
Morrison, W. R. 1 *m* 346 W. 57
Morriss, A. D. 4 *s* 612 W. 116
Morrow, E. K. *pl* 150 Fifth ave.
Morrow, R. L. 4 *s* 66 W. 40
Morse, H. N. *pl*
Union Theological Seminary
Morton, L. 3 t *Whittier*
Moscowitz, H. H. 2 *c*
762 Hewitt Pl.
Moses, A. S. 4 *c* 646 W. 158
Moses, E. F. 2 *l* 222 E. 61
Moses, S. ph
228 Westchester ave., Mt. Vernon
Mosher, E. H. 3 *s* 508 W. 178
Mosher, J. A. *ph* Livingston
Moskowitz, D. E. 4 *t*
Amsterdam ave. & 137
Moskowitz, D. H. 1 *c*
1722–79 Bklyn.
Moss, H. H. 1 *s* Livingston
Moss, R. L. 4 b
320 St. Nicholas ave.
Mott, E. H. *nm s* 159 W. 80
Mott, F. D. 4 *s*
309 Nelson ave., Peekskill
Mottley, F. W. *p*
Union Theological Seminary
Mount, F. R. 3 *m* 118 W. 64
Mount, G. 4 *m* 118 W. 64
Mount, H. E. 1 b *244 W. 122*
Mudd, H. S. 3 *s* 616 W. 113
Muehleck, L. E. 3 t
115 Oak, Hoboken
Mueller, A. E. ph
105 N. 18, E. Orange
Mueller, H. H. 1 *s* Bronxville
Muench, A. A. *phar* Hartley
Mulhall, E. F. 1 b *315 W. 97*
Mullen, J. A. 4 *c* 420 E. 84
Muller, E. K. 2 b *Paterson, N. J.*
Muller, H. J. *p* 562 W. 150
Mulqueen, J. F., Jr. 1 *l*
888 Park ave.
Mulqueen, M. 3 b *888 Park ave.*
Mulwitz, J. 2 *c*
Mumford, A. R. 2 b *519 W. 122*
Mumford, M. B. 2 b *519 W. 122*
Munro, E. 3 t 80 Willoughby, Bklyn.
Munro, S. H. nm t *270 Lenox ave.*
Munson, D. G. *ph*
1052 Lincoln Pl., Bklyn.
Murdock, K. 1 t *Whittier*
Murphy, C. W. 3 *c* Hartley
Murphy, D. 3 *l* 40 E. 49
Murphy, E. A. 3 *s* Livingston
Murphy, F. ph Riverdale ave. & 252
Murphy, G. B. 1 *c* 104 W. 102
Murphy, I. C. 2 b
38 Fulton, Weehawken
Murphy, J. F. *f a* 431 W. 117
Murphy, J. J. 4 *c*
Murphy, J. P. 3 *m*
620 St. Mark's ave., Bklyn.
Murphy, W. A. 3 *t*
560 Clinton, Bklyn.
Murray, C. R. 3 *m* 725 Home
Murray, F. P. nm t
Richmond Ter., N. Brighton
Murray, H. F. 3 *m* 431 W. 117
Murray, H. W. 4 *t* 534 W. 124
Murray, J. N. 4 *s* 3920 Broadway
Murray, T. R. 3 *l*
1190 Madison ave.
Murray, V. B. 4 *m*
111 Fordham Rd., E.
Murray, W. B. 4 *c*
810 Eastern P'kway, Bklyn.
Murtland, C. 4 t
81 Morningside ave., E.
Musa, A. 4 t *438 E. 189*
Muse, J. nm t *150 W. 104*
Myers, A. J. W. *gr t*
Union Theological Seminary
Myers, C. M. *3 l* Hartley
Myers, D. H. 1 *l* Hotel Langham
Myers, E. 3 b *411 W. 115*
Myers, G. C. *ph* 215 W. 105

Nachty, V. 1 *s* 167 W. 136
Naffz, C. F. 2 *l* Haworth, N. J.
Nagourne, I. *gr t* 604 E. 9
Nakahara, T. *pl* 507 W. 147
Nakano, I. *pl* 64 E. 133
Nammack, C. H. 3 *m* 42 E. 29
Nammack, E. F. ph
90 Morningside ave., W.
Nankin, I. 1 *c* 91 Meserole, Bklyn.
Naravane, S. G. 2 *s* 501 W. 122
Narcissi, C. F. *phar* 290 E. 148
Nassau, M. B. F. 4 t
Natanson, D. M. 1 *m* 45 W. 112
Nauheim, M. *f a* Hartley
Naumburg, M. J. 3 b *137 W. 74*
Navon, S. 1 *s* 945 Jackson ave.
Naylor, E. B. 1 *s*
6 Caryl ave., Yonkers
Neagle, G. M. 3 t *401 W. 115*
Nealon, K. E. ph
Needham, H. nm t *Whittier*
Neel, H. C. *ph* 524 W. 123
Neergaard, C. F. 1 *s*
293 Sixth ave., Bklyn.

Neff, C. A. *ph*
Union Theological Seminary
Nelms, W. S. *p* Livingston
Nelsen, G. D. 3 t *527 W. 121*
Nelson, C. nm t *704 Hewitt Pl.*
Nemser, M. *phar* 88 First ave.
Nesbitt, F. 4 t *524 W. 124*
Neugass, M. M. 2 b *415 W. 145*
Neu, E. E. 3 b *607 W. 116*
Neumame, C. H. 1 *s*
436 Quincy, Bklyn.
Neuman, A. *pl* 58 E. 116
Neuman, D. L. 2 *s*
1602 Madison ave.
Neumann, H. *ph*
Haven ave. & 169
Neville, E. S. 3 t
704 Quincy, Bklyn.
New, F. D. *ph* 462 Madison ave.
Newbold, H. pl *508 W. 113*
Newcomb, H. F. 1 *c* Richmond Hill
Newhouse, E. L. 2 *s* 627 W. 115
Newman, M. R. 2 b *44 E. 68*
Newmark, S. 1 b *951 Sherman ave.*
Newton, E. 4 *s* 614 W. 113
Nichols, E. 3 t *147 W. 120*
Nichols, E. W. nm b *42 W. 11*
Nichols, J. T. *p*
Am. Museum of Nat. Hist.
Nichols, M. nm b
113 Park ave., Mt. Vernon
Nicola, L. 1 b *542–52, Bklyn.*
Nielsen, L. H. 1 *c* 866 E. 156
Nieman, H. W. 4 *s* 216 W. 100
Niemann, B., Jr. 4 *s*
2793 Briggs ave., Bronx
Nienburg, F. J., Jr. 3 *c* 399 W. 12
Nifenecker, E. A. *pl* 585 W. 178
Nightingale, F. 3 t *422 W. 119*
Nigrin, J. V. 2 *c* 504 E. 79
Nilson, S. J. 3 *m* Livingston
Nishimura, S. *gr t* Livingston
Nobb, G. B. *phar*
Nobis, A. M. 3 t *25 Manhattan ave.*
Noble, K. 2 b *304 W. 77*
Nolan, J. F. 1 *c*
75 Linden, Yonkers
Nolte, A. C. 1 *s* 155 W. 83
Noonan, R. L. *nm c*
102 Oakland, Bklyn.
Noorian, N. Z. 4 *s* 209 E. 29
Norden, N. L. *ph*
301 Lafayette ave., Bklyn.
Nordlinger, H. H. 2 *c* 45 E. 80
Norris, F. E. 2 *l* Hartley
Norris, W. M., Jr. 3 *s* Livingston
North, E. M. *pl* 121 W. 122
Northrop, J. H. 3 *c* 608 W. 113
Norton, A. R. 3 *s* Hartley
Norton, D. A. 2 *l* 523 W. 113
Norton, K. B. 3 *c* 30 E. 55
Norton, R. C. 4 *c* Hartley
Nositzer, G. 1 *s* 217 W. 111
Noska, E. V. *gr t* 3211 Park ave.
Nourse, C. J. 2 *l*
245 Lexington ave.
Nowlan, F. S. *gr t* Livingston
Noyes, I. F. 3 b
324 Westchester ave., Port Chester
Nudd, H. W. *pl* Livingston
Nuttall, L. J. 4 *t* 172 Manhattan
Nyitray, L. 3 b *983 Lexington ave.*
Nyland, F. C. 1 *c*
175 Forest ave., Glen Ridge

Oakley, E. A. 2 *s* 524 W. 123
Oakley, T. P. *pl* 360 W. 123
Oberndorfer, M. 4 b *Hotel Endicott*
O'Brien, J. 1 *c* Hartley
O'Byrne, M. A. *ph* 349 W. 121
Ochs, I. B. 1 b *308 W. 75*
Ockers, L. E. 4 b *Brooks*
Ockert, F. W. 4 *s* 254 W. 104
O'Connell, E., Jr. *ph*
340 Dean, Bklyn.
O'Connell, E. R. 1 *c*
1 Convent Hill
O'Connell, M. 3 b *506 W. 179*
O'Conor, J. A. 4 *m*
902 West End ave.
O'Donahoe, K. J. ph *500 W. 121*
O'Donnell, A. M. 3 t
Forest Hill, N. J.
O'Donnell, A. T. ph
2681 Briggs ave.
O'Donnell, A. V. 2 *s* 359 W. 120
O'Donnell, F. A. E. 1 b
2681 Briggs ave.
O'Donnell, M. M. A. ph
2681 Briggs ave.
O'Donnell, R. C. 2 *s* 359 W. 120
Oehlers, H. C. *phar* 437 E. 15
Oellrich, P. F. 3 b
48 Cambridge, E. Orange
Oelrichs, H. 1 *c* 1 E. 57
Oerzen, E. M. 2 b
1068 Lind ave., Highbridge
O'Flanagan, E. 3 *c* 271 W. 126
Ogburn, W. F. *pl* 430 W. 118
Ogden, A. 2 *l* 612 W. 116
Ogden, H. 3 t *3 W. 8*
Ogden, V. F. 4 t *Whittier*
O'Gorman, A. M. 4 b *318 W. 108*
O'Gorman, J. M. *gr t* Hartley

O'Gorman, M. nm t 526 W. 123
O'Grady, W. H. 3 t 509 W. 174
O'Hanlon, L. V. ph 121 W. 95
Ohannesian, A. *nm l* 419 W. 118
Ohlssen, W. C. 1 *s* 407 E. 134
O'Kane, R. G. 1 *s* 417 W. 120
O'Keeffe, L. L. 4 t White Plains
O'Keeffe, S. 1 *c* 615 W. 145
Okuntsoff, E. pl 1–3 Cooper Square
Olberg, E. A. *f a* 525 W. 124
Old, A. V. 4 t 33 Union Square
Oldfield, H. L. *ph*
Union Theological Seminary
O'Leary, J. G. 2 *m* 325 W. 58
O'Leary, P. A. *pl* Broadway & 187
Olin, B. M. 4 t Whittier
Oliver, M. P. 3 t Whittier
Oliver, N. S. 1 *m*
26 Washington, E. Orange
Oller, M. gr t 431 W. 121
Olson, I. V. 4 t 501 W. 121
Olt, H. 1 *s* 414 E. 134
O'Malley, E. C. 1 b
127 Elm, Yonkers
O'Neill, H. W. gr t 514 W. 134
Ongley, L. E. ph 425 W. 114
Oni, K. *pl* 64 E. 133
Opper, E. M. nm t 311 W. 112
Oppermann, G. 4 t 3099 Broadway
Ord, A. A. 1 b
40 Leighton ave., Yonkers
Ormont, B. 3 *s* 558 Ninth, Bklyn.
O'Reilly, E. A. 1 *m* 300 W. 35
O'Reilly, J. A. 3 *m* 18 E. 131
O'Reilly, V. L. 2 *m* 226 W. 137
O'Rourke, M. 3 b
19 Lake, White Plains
Orr, F. L. 3 t Whittier
Orr, P. V. ph 417 W. 118
Osborn, H. B. 4 *m* 144 W. 65
Osborne, E. W. 2 *l*
114 & Riverside Drive
Osterberg, R. A. 2 b
2355 Eighth ave.
Osterhout, E. H. 2 *l* 604 W. 114
Österhus, P. O. *gr t*
Osterud, H. L. *p* 308 W. 123
Ostroff, R. 3 t 60 E. 122
O'Sullivan, R. A. 1 b 220 W. 71
O'Sullivan, T. F. 3 *c* 404 E. 79
Oswell, K. F. 3 t 129 W. 80
Otto, C. W. *nm s* 154 E. 175
Overton, J. A. 2 *c*
355 Crimmins ave.
Owens, E. A. 1 b
291 Stuyvesant ave., Bklyn.
Owens, J. L. 3 t 521 W. 157
Owens, R. p 752 West End ave.

Packard, C. *p* Hartley
Paddock, E. H., Jr. 3 *c* 149 W. 72
Paddock, L. 2 *s* 141 W. 70
Paddock, R. 1 *m* 141 W. 70
Paffard, H. T. 4 *m* 153 W. 48
Page, E. A. pl 503 W. 121
Page, W. E. *f a* Livingston
Paleg, S. 2 *m* 317 W. 44
Palen, H. W. *f a* 440 Riverside Dr.
Pallen, C. de S. 4 *m*
197 Weyman ave., New Rochelle
Palmblad, H. V. E. *ph*
711 Lafayette ave., Bklyn.
Palmer, A. F. 3 t 104 W. 139
Palmer, E. A. pl 656 W. 178
Palmer, F. 1 b 442 E. 136
Palmer, L. L. 4 *t* Livingston
Palmer, N. F. 4 *s* 627 W. 113
Palmer, R. 1 *c* 344 W. 84
Palmer, S. 4 t Whittier
Pancake, C. 4 t 527 W. 121
Pandya, T. R. *gr t* Livingston
Pangborne, K. pl
72 Washington, Tarrytown
Parcel, E. E. 3 t 417 W. 120
Parcell, B. *f a* 543 W. 123
Pardee, I. H. 2 *c* 74 W. 48
Park, E. A. *f a*
Park, J. H. 3 *c*
Parker, A. R. 4 *s* 160 W. 141
Parker, C. M. 3 t
100 Morningside ave., W.
Parker, L. A. 4 t Whittier
Parker, M. A. 4 t Whittier
Parker, R. gr t 1115 Amsterdam ave.
Parker, R. A. 3 *s*
191 Claremont ave.
Parker, J. V. *pl* 465–43, Bklyn.
Parks, E. M. 1 *c* Livingston
Parks, E. T. 2 b 129 W. 76
Parramore, J. B. F. 3 t Whittier
Parramore, R. C. 3 t 527 W. 121
Parsons, J. O. 1 *c* 474–3, Bklyn.
Parsons, W. B., Jr. 1 *m* 35 E. 50
Pascarella, F. 4 *c*
Paslay, M. T. ph 417 W. 118
Passover, G. C. 2 *m* 536 W. 112
Patchell, F. J. 2 *s* 527 W. 123
Paterson, A. H. 4 *s* Livingston
Paterson, R. W. *pl* Hartley
Paterson, S. *f a* 418–2, Bklyn.
Paton, T. B., Jr. 4 *c*
1777 Clay ave.
Patterson, G. S. 1 *s* Hartley
Patterson, H. M. 3 t 431 W. 121

Patterson, J. E. 4 *s* Livingston
Patterson, M. 4 t *Whittier*
Patterson, R. C., Jr. 3 *s* Livingston
Patton, M. F. 3 t *503 W. 121*
Paulding, G. K. nm t *Huntington*
Paulding, V. 4 t *Huntington*
Pavitt-Boudin, A. ph
477 E. 16, Bklyn.
Paynter, R. H., 3d, 3 *c*
1205 Fulton, Bklyn.
Payton, J. S. *ph* Madison, N. J.
Peacock, U. F. *f a* Hartley
Pearce, G. G. 3 *m* 349 W. 57
Pearlstine, H. D. nm t *Whittier*
Pearson, G. M. 2 b
Home Park, New Rochelle
Pearson, W. D. *ph* Livingston
Pease, H. U. 4 *t* 557 W. 124
Peaslee, A. J. 3 *l*
W. 259, Riverdale-on-Hudson
Peck, C. L. 3 t *Whittier*
Peck, E. S. ph
515 Clinton ave., Bklyn.
Peck, F. E. 3 t *501 W. 120*
Peck, M. P. 1 b *1231 Madison ave.*
Peck, O. R. ph *Whittier*
Pedersen, F. M. *p* 452 W. 144
Pegram, W. 4 t *510 W. 124*
Peeples, T. K. 2 *l*
100 Morningside ave., W.
Peet, G. D. 4 *s* 420 W. 121
Pell, V. D. 1 *s* 234 W. 122
Pell, W. H. D. 3 *l* 404 W. 115
Pelton, C. W. 3 *t*
Albion Pl., Paterson
Pendleton, E. 4 t *Whittier*
Penfield, E. M. gr t
Maple, Englewood
Penfield, H. C. 2 *s*
336 Riverside Dr.
Pennell, M. E. 4 t *Whittier*
Perkins, E. N. 2 *l* Livingston
Perkins, F. pl *164 Waverly Place*
Perkins, J. 4 t *511 W. 122*
Perlowitz, C. 2 *c*
1919 Bergen, Bklyn.
Perlzweig, W. A. 1 *s*
1421 Prospect ave.
Pero, S. E. 2 b *8 St. Nicholas Ter.*
Perrin, M. H. 3 t
97 Paulison ave., Passaic, N. J.
Perry, E. O. *ph* 198 W. 4
Perry, J. H. p *302 Central Pk., W.*
Perry, T. A., Jr. 1 *l* Livingston
Perry, W. H. *ph* Broadway at 120
Person, C. 1 *s* Hartley
Person, C. W. *nm c* Hartley
Peruessin, N. 3 t *600 W. 114*
Peters, A., Jr. 3 *c* 627 W. 113
Peters, A. G. *nm t*
943 Grove, Elizabeth
Peters, J. P., Jr. 2 *m* 227 W. 99
Peters, W. F., Jr. 4 *s*
1410 Central Pk., W.
Peters, W. R. P., Jr. 4 *s* 33 W. 49
Petersen, A. E. 1 *s*
Petersen, L. S. 4 *m* 112 E. 85
Peterson, A. E. *ph*
Boston Road & 166
Peterson, C. W. 1 *c*
58 Manhattan ave.
Peterson, H. B. 1 b
21 Jackson, New Rochelle
Petri, L. A. 1 b
278 Decatur, Bklyn.
Pettit, S. 4 t *530 W. 123*
Pettit, W. W. 4 *t*
292 Manhattan ave.
Peyton, G. S., Jr. 4 *s*
2591 Bedford ave., Bklyn.
Pfau, A. L. 3 t *140 Claremont ave.*
Pfeiffer, A. L. 1 *m* 230 E. 53
Pfeiffer, B. L. 3 *s* Hartley
Pfeiffer, G. A. *ph* 506 W. 43
Pfeiffer, P. A. *p*
714 Washington, Hoboken
Phelps, B. J. *gr t*
27 Craig Place, Plainfield
Philbrick, F. S. 1 *l* 3120 Broadway
Philips, H. B. 1 *m* 556 Second ave.
Phillips, E. 4 t *35 Riverside Dr.*
Phillips, E. S. J., Jr. *f a* 335 W. 71
Phillips, G. W. 3 t *72 E. 82*
Phillips, H. E. 1 b *Brooks*
Phillips, H. S. gr t *35 Riverside Dr.*
Phillips, J. 4 t *Whittier*
Phillips, J. D. 2 *s* 14 E. 113
Phillipson, B. F. 2 *s* 3905 Bway.
Philp, M. I. ph *142 McDonough*
Philson, J. De L. 4 *s*
1257 Bergen, Bklyn.
Phipps, F. H. 1 *c*
102 S. Sixth ave., Mt. Vernon
Phipps, H. M. 4 *m* 227 W. 51
Phipps, W. G. 2 *m*
102 Sixth ave., Mt. Vernon
Phoenix, L. E. 4 t *Whittier*
Picard, M. *ph* 510 W. 147
Piccirilli, J. P. 1 *s* 704 Eagle ave.
Pick, T. ph *41 E. 72*
Pickhardt, E. G. phar
1042 Madison ave.
Pickhardt, O. C. 3 *m*
1042 Madison ave.

Piedalue, M. R. nm t *Hartsdale*
Pierce, F. E. 4 t *430 W. 124*
Pierce, M. 3 t *1021 W. 89*
Pierpont, F. M. 4 t *530 W. 123*
Pierpont, J. H. 1 b
29 Church, White Plains
Pike, S. 1 *s* 362 E. 169
Pike, S. M. *f a* 1348 Clinton ave.
Pinchbeck, I. A. 1 *s*
897 Grant ave.
Pinchook, B. P. 2 *s* 214–16 Broome
Pincus, S. 2 *c*
229 Cathedral Parkway
Pineda, R. 2 *s* 608 W. 113
Pinkerton, T. N. 1 *s* 245 W. 136
Pinkham, C. 3 *l*
99 Argyle Road, Bklyn.
Pinkham, G. R. *gr t*
22 W. Kinney, Newark
Piperoux, R. P. 1 *s* Livingston
Pistner, B. 1 *c* 189 Rodney, Bklyn.
Pitcher, K. H. 1 *m* 329 W. 57
Pitfield, F. B. 3 t 284 Lafayette ave.
Pitner, I. K. 4 t *420 W. 119*
Pitt, S. 3 *s* 523 W. 113
Pittaro, J. M. 3 *c* 309 E. 112
Pittman, H. nm t *Whittier*
Pitts, A. L. 2 *c* Hartley
Planer, C. H. ph
714 Bloomfield, Hoboken
Plant, E. ph *302 Central Pk., W.*
Plantz, E. C. ph *Whittier*
Platt, F. J. gr t *Hartley*
Platt, R. F. ph *1050 Amsterdam*
Playter, M. K. 3 t *525 W. 123*
Plimpton, L. E. 4 t *Whittier*
Plotz, H. 2 *m* 1722 Madison ave.
Plowfield, H. H. *nm t* 152 W. 91
Plummer, H. C. 3 b Cranford, N. J.
Podell, J. 2 *c* 121 W. 114
Polhemus, G. W. 2 *c* 558 W. 113
Polhemus, H. M. *f a* 627 W. 115
Polhemus, M. B. 4 b *Englewood*
Pollack, E. A. 2 *l* 422 E. 140
Pomeroy, G. 4 t
83 Third ave., Newark
Pond, DeW. C. *f a*
140 Claremont ave.
Ponsford, H. J. *f a* Hartley
Poor, P. 3 b *9 W. 9*
Porter, C. T. *p* 509 W. 122
Porter, F. J. 2 *c* 15 E. 10
Porter, H. M. 4 t
94 Maple, Yonkers
Porter, J., Jr. *pl*
Union Theological Seminary
Post, J. W. *pl* 84 Grove
Poteat, H. McN. *ph*
Hotchkiss School, Lakeville, Conn.
Potter, F. A. 1 *c* 71 Broadway
Potter, H. W. 2 *m* Elizabeth, N. J.
Powell, A. W., Mrs. f a
915 President, Bklyn.
Powell, C. L. *ph* Livingston
Powell, H. W. *p* The Apthorp
Powell, N. H. t *Whittier*
Powell, T. R. *pl* Livingston
Powers, H. nm t *515 W. 111*
Prats, E. R. 3 t *523 W. 122*
Pratt, E. L. 4 *m* 137 W. 14
Pratt, J. W. 2 *s* Hartley
Pratt, M. 3 b *57 W. 45*
Pratt, M. B. 4 t *Whittier*
Preston, E. D. *2 l* Livingston
Preston, G. E. gr t *Whittier*
Prettyman, C. W. *gr t* 416 W. 118
Preveden, F. P. *ph* 153 W. 34
Price, A. L. 4 *c*
302 Central Pk., W.
Price, D. C. *nm l* Livingston
Price, J. 2 *c* 786 E. 183
Price, J. J. *ph* 16 E. 117
Price, M. L. 3 t *Whittier*
Price, S. E. 3 t *23 W. 24*
Price, W. R. *ph*
47 Briggs ave., Richmond Hill
Prigozen, B. *ph* 1351 Fifth ave.
Primoff, W. *ph* 4 E. 115
Pritchard, M. M. 4 t *Whittier*
Pritz, B. f a *503 W. 121*
Prochazka, G. A., Jr. 2 *s*
138 W. 13
Prochazka, O. 4 b *138 W. 13*
Procter, A. W. *nm l* 430 W. 118
Propper, K. 2 *c* 643 Prospect ave.
Prox, C. C. H. 3 *c* 300 W. 109
Puerto, A. *f a* Maywood, N. J.
Puig, A. 4 t *500 W. 123*
Pullen, F. J. *nm c* 249 E. 30
Pulleyn, J. W. 2 *c* 171 W. 94
Puorro, M. *p*
82 Underhill ave., Bklyn.
Purcell, B. *f a* Hartley
Purdy, J. H. 1 *c* 14 W. 122
Pyne, M. T., Jr. 1 *l*
263 Madison ave.
Pyne, W. C. 2 *c* 265 W. 88

Quackenbos, G. P. *ph* 331 W. 28
Quackenbush, L. S. *p* 27 W. 73
Quattlebaum, S. 1 *s* 512 W. 122
Quealy, J. A. *nm c* 608 W. 113
Queburgia, I. A. 3 *s* 432 E. 14
Quimby, A. R. pl *278 W. 86*

Quinn, H. 2 *s* Great Neck, L. I.
Quinn, M. K. pl *420 W. 121*

Rabe, L. H. W. *ph*
1414 Jefferson ave., Bklyn.
Race, H. V. gr t
100 Morningside ave., W.
Racoubian, R. S. *gr t*
51 Lexington ave.
Rade, H. S. 4 *c*
70 Morningside ave., W.
Radigan, F. J. 3 *s*
621 Pavonia ave., Jersey City
Raeder, A. B. 4 t *Passaic*
Raff, G. M. 1 b *1419-58, Bklyn.*
Raffie, S. M. 2 *m* Livingston
Ragan, W. E., Jr. 3 *m* Livingston
Ramsdell, C. H. 1 *l*
342 Convent ave.
Randolph, A. W. F. 4 t *500 W. 121*
Randolph, F. M. F. 4 b *425 W. 114*
Randolph, G. H. F. 4 t *Emerson*
Randolph, I. F. 1 b *425 W. 114*
Randolph, J. A. F. 2 *c* Hartley
Ranger, E. A. R. 3 t *38 E. 73*
Rapeer, L. W. *gr t*
1105 Amsterdam ave.
Rapelye, E. L. 2 b *607 W. 116*
Raphael, C. H. nm b
258 Central Park, W.
Raphael, S. S. 4 *t* 124 E. 118
Rattner, C. G. 3 *m* 14 E. 118
Rauh, F. E. ph *3 W. 8*
Rauth, L. pl
695 Lafayette ave., Bklyn.
Ravich, A. 3 *m* Aqueduct, L. I.
Ravitch, M. *ph*
1993 Amsterdam ave.
Ravitch, M. M. 1 *l* 201 Clinton
Ray, F. *p* 19 Wilcox Pl., E. Orange
Rayens, C. E. 1 *s* 174 W. 94
Raymond, A. W. 2 *s* 526 W. 161
Raynolds, R. 1 *m* 11 W. 45
Raynor, F. K. 2 *l* Hartley
Read, H. L. 3 *s*
228 Clinton, Bklyn.
Ready, E. P. 4 b
42 Kensington ave., Jersey City
Reardon, E. 1 b
316 Warburton ave., Yonkers
Redmond, D. W. *pl* 505 W. 141
Reed, A. L. gr t *Brooks*
Reed, C. A. *pl* 600 W. 122
Reed, L. P. 2 *c* 540 W. 123
Reed, M. M. 4 t *Whittier*
Reeder, E. H. 2 *c* Hastings
Reeder, G. A. pl *Hastings*
Rees, F. du B. 3 b *Riverside & 110*
Rees, V. M. 3 b *509 W. 122*
Reese, C. H. 3 b *478 W. 145*
Reets, H. L. pl *Whittier*
Reeves, J. F. *f a* Hartley
Reeves, M. N. ph
Regan, M. L. 4 t *527 W. 156*
Regan, R. J. *nm c* 151 E. 33
Regnault, W. *phar*
136 Alexander ave.
Reh, I. *f a* 70 W. 102
Reichard, S. 3 *t* 248 S. 2, Bklyn.
Reichman, R. 1 *c*
2629 Eighth ave.
Reid, E. P. 3 t *Whittier*
Reid, M. 1 b
44 N. Tenth ave., Mt. Vernon
Reid, M. J. 4 t *Whittier*
Reidy, K. L. 4 t *169 E. 90*
Reilly, H. W. 1 *c* 261 Fifth ave.
Reilly, L. 2 b
1036 Post ave., Port Richmond, S. I.
Reilly, S. A. nm t
1115 W. State, Trenton
Reinheimer, C. 1 b *255 W. 95*
Reinheimer, E. 1 b *49 W. 70*
Reinitz, L. B. ph *14 W. 119*
Reisner, E. H. *ph* Livingston
Reitlinger, B. H. ph *120 W. 70*
Remsen, W. 3 *c* 612 W. 116
Renshaw, A. 1 *s* 612 W. 116
Renshaw, P. 4 *s* 612 W. 116
Renwick, W. W. 3 *c* Hartley
Reuther, W. H. *gr t* 201 W. 130
Reutter, C. E. 2 *c* 36 W. 88
Reutter, R. H. 2 *c* 36 W. 88
Revson, R. F. 2 *s* 423 W. 118
Reynolds, B. 2 b *250 W. 93*
Reynolds, M. M. pl *519 W. 121*
Reynolds, R. J. 3 *c* 503 W. 121
Rhett, W. M. 2 *m* Livingston
Rhoades, F. M. 1 b *Brooks*
Rhoads, G. 4 t *Emerson*
Rhodes, L. B. 3 t *Whittier*
Riblet, G. E. gr t *343 E. 68*
Riblet, M. V. ph *343 E. 68*
Rice, H. S. 1 *c* Hartley
Rice, I. B. 2 b *Brooks*
Rice. I. L., Jr. 1 *s*
The Ansonia, Broadway & 73
Rice, N. H. ph *Whittier*
Rice, R. H. 3 *l* Hartley
Rich, D. H. *ph* Hartley
Rich, H. S. *ph* 1528 Madison ave.
Richards, C. C. 4 t *420 W. 130*
Richards, K. E. 1 *l* Livingston
Richardson, A. E. gr t *Whittier*

Richardson, A. H. *pl* Hartley
Richardson, C. B. nm t
54 Elm, Montclair
Richardson, E. S. 3 b *620 W. 115*
Richardson, G. W., Jr. 1 *s*
138 E. 79
Richardson, J. G. 3 t *Whittier*
Richardson, R. T. 4 t *Emerson*
Richey, M. C. 2 b *354 W. 21*
Richter, C. 2 *s* 550 W. 114
Richter, H. 2 *s* 1441 Bryant ave.
Ricker, M. C. 3 t *Whittier*
Rider, C. M. gr t
192 Claremont ave.
Riecker, E. C. 3 t *419 W. 121*
Riegel, G. H. 4 *c* 57 W. 81
Ries, H. R. 3 t *557 W. 124*
Ries, H. R. 4 *t* 557 W. 124
Riesenberg, F. 4 *s* Livingston
Riggs, B. R. 1 *c* Hartley
Rikert, R. L. 3 t *Medford, L. I.*
Riley, H. A. 3 *m* 125 W. 92
Riley, M. T. *pl* 125 W. 92
Riley, W. L. 4 *s* 125 W. 92
Rionda, S. C. 2 *s* 476 W. 142
Riordon, E. 4 b *523 W. 152*
Risken, J. R. 2 *s* Hartley
Risley, W. L. *f a* 522 W. 123
Ritt, H. L. 4 *t*
253 Liberty ave., Bklyn.
Rivkin, M. E. 3 b *521 W. 151*
Roach, E. M. 4 t *430 W. 122*
Roads, J. G. ph
98 Morningside ave., E.
Roake, L. 4 t
400 Washington, Peekskill
Roantree, W. F. *gr t* 530 W. 122
Robbins, C. L. *ph* Livingston
Robbins, J. B. 2 *c* 523 W. 113
Robert, D. R. 4 *m*
261 Hicks, Bklyn.
Robertiello, A. *phar* 584 Broome
Roberts, E. 2 *s* 470–62, Bklyn.
Roberts, E. O. 3 *s* 627 W. 115
Roberts, F. S. 3 t
Roberts, G. H. *p* Livingston
Roberts, L. P. nm t
511a Monroe, Bklyn.
Roberts, R. B., Jr. 1 *s* 557 W. 148
Robinson, A. K. 1 b *73 W. 94*
Robinson, A. M. p *983 Summit ave.*
Robinson, C. R. *f a* 419 W. 115
Robinson, F. W. 2 *c* 520 W. 123
Robinson, H. W. 2 *l*
Hudson Terrace, Yonkers
Robertson, I. 3 t
712 Fourteenth ave., Paterson
Robinson, J. H. *ph*
1286 Amsterdam ave.
Robinson, K. D. 2 *c*
998 Amsterdam ave.
Robinson, L. 1 b
3 Alpha Place, New Rochelle
Robinson, L. B. 4 *m* Harvard Club
Robinson, L. H. 2 *l* Hartley
Robinson, M. 2 b *366 W. 117*
Robinson, M. M. *f a* 523 W. 121
Robinson, P. M. phar *20 E. 100*
Robinson, R. M. *nm l* 419 W. 115
Robinson, T. G. 2 *m*
426 Central Park, W.
Robson, E. H. 3 t *Whittier*
Roche, E. S. 4 *c* Livingston
Roche, J. A. pl *26 Jones*
Roche, J. P. 4 *c*
14 Lafayette ave., Bklyn.
Rockwood, N. O. 2 *l* 614 W. 113
Rodick, E. M. nm t *Whittier*
Rodriguez, M. R. 1 *c* Hartley
Roeder, E. von W. ph
Dwight Sch., Englewood
Roelkey, D. E. *p* 1066 Park ave.
Roemermann, A. 2 *s* 140 W. 129
Roessler, E. W. *ph* Livingston
Roever, F. L. 1 b *780 E. 14, Bklyn.*
Rogers, B. M. 4 t
Rogers, E. nm t *503 W. 122*
Rogers, F. E. 3 b *607 W. 116*
Rogers, G. J. 3 b *1337 Clinton ave.*
Rogers, H. M. 1 b *601 W. 144*
Rogers, H. W. 2 *c* 310 W. 118
Rogers, I. O. ph *Whittier*
Rogers, L. B. *gr t* 445 W. 124
Rogers, L. E. 4 t *502 W. 113*
Rogers, R. R. 1 *m* 346 W. 57
Rogow, C. 3 *c* 272 W. 113
Rogow, S. I. 4 *s* 272 W. 113
Rogowski, B. 3 *s* 311 W. 137
Rohn, J. 3 *s* Livingston
Rohrs, G. C. 1 *c* 523 W. 141
Ronalds, C. E. 3 t *704 Columbus ave.*
Roon, L. 1 *s* Port Washington, L. I.
Roos, W. F. 1 *s* Hartley
Root, T. S. nm t *Whittier*
Root, W. R. 4 *c* 614 W. 113
Ros, L. 1 b *206 W. 86*
Rosanoff, L. ph
1477 Washington ave.
Rose, A. A. 2 *c* Hartley
Rose, A. R. *p* 420 W. 119
Rose, J. 3 *s* 1413 Prospect ave.
Roseff, A. 1 *c* Mamaroneck
Rosen, A. *pl* 1509 Bryant ave.
Rosenberg, L. E. 4 t *14 W. 88*

Rosenberg, S. 2 *s* 117 E. 2
Rosenblatt, E. G. 2 b *Cedarhurst*
Rosenblatt, W. 1 *c*
1820 Clinton ave.
Rosenblüth, M. B. 1 *c*
207 Cathedral Pkway.
Rosenfeld, J. H. 2 *s* 114 W. 7
Rosenson, W. 1 *m* 7 W. 111
Rosenthal, G. J. *p* 7 W. 120
Rosenthal, H. M. 1 *c*
75 Morrell, Bklyn.
Rosenthal, J. *ph* 106 E. Bway.
Rosenthal, J. E. 1 *s*
138 Heyward, Bklyn.
Rosenthal, N. 2 *m* 136 W. 112
Rosenthal, W. J. 2 *c* 237 W. 113
Rosenzweig, M. 1 *s*
596 Riverside Dr.
Rosenzweig, S. B. 3 *m*
1823 Topping ave.
Ross, A. (Dr.) nm t *235 W. 132*
Ross, J. D. 3 t *Whittier*
Ross, M. D. 3 t *3915 Broadway*
Ross, M. G. 1 b *131 W. 58*
Ross, W. N. 4 *c* 449 W. 123
Rossin, E. C. sp b *36 E. 68*
Roth, G. G. 2 b *545 W. 111*
Roth, L. L. 2 *m* 929 Park ave.
Roth, S. 1 *c* 102 W. 121
Rothenberg, B. 2 *c* 224 W. 141
Rothschild, J. L. 1 *c*
1785 Union, Bklyn.
Rothschild, L. O. 3 *l* 251 W. 138
Rothschild, M. A. 4 *m*
The Ansonia, B'way & 73
Rothwell, A. C. 1 *c* 144 W. 76
Rothwell, A. S. 2 *c* 144 W. 76
Rothwell, V. H. 4 *c* 144 W. 76
Rounds, D. M. ph *Whittier*
Rountree, D. B. 4 t *145 W. 84*
Rover, H. J. 1 *s*
402 Madison, Bklyn.
Rowe, E. L., Mrs. 3 t *527 W. 124*
Rowland, H. H. *ph*
Union Theological Seminary
Rowson, L. L. 4 t *Whittier*
Roy, J. H. R. *pl* 175 Ninth ave.
Roy, M. S. 2 b
Irvington-on-Hudson
Royce, C. E. 4 *m* 541 W. 123
Rubin, M. *nm c* 114 W. 114
Rubin, S. 1 *c* 1064–39, Bklyn.
Rubino, G. 4 *c* 34 Carmine
Ruch, C. J. 1 *l* Hartley
Rudel, F. S. *f a* 411 West End ave.
Rudolphy, B. J. 1 *c*
116 Bloomfield, Hoboken
Rugen, O. N. 2 *s* 242 S. 9, Bklyn.
Ruger, G. J., Mrs. gr t *405 W. 118*
Ruggles, A. M. *gr t*
Rundle, M. S. 3 t
90 Morningside ave., W.
Runge, O. E. 1 *m*
783 Bushwick ave., Bklyn.
Runyon, H. De M. 4 b
West Summit, N. J.
Ruprecht, W. E. 2 *s* 561 W. 141
Rushmore, E. M. pl
129 Montague, Bklyn.
Rusk, E. gr t
77 Midland ave., Montclair
Rusk, H. M. 3 b *636 Columbus ave.*
Russell, E. B. *pl* Livingston
Russell, L. W. *gr t*
694 E. 5, Bklyn.
Russianoff, A. H. *nm s*
502 Stone ave., Bklyn.
Rust, E. G. *f a* 145 W. 96
Rust, R. J. 4 t *312 W. 103*
Ruth, E. E. nm t *500 W. 123*
Ruthardt, R. M. 3 *s*
100 Morningside ave., W.
Ryan, H. H. *gr t* 530 W. 123
Ryan, J. P. 1 *l* Hartley
Ryan, W. C., Jr. *ph* 151 E. 127
Ryland, H. M. 4 t *419 W. 121*

Saalberg, H. 2 *s* 307 W. 93
Sachs, A. P. 2 *s* 63 E. 106
Sachs, S. 2 *c* 141 E. Broadway
Sachs, S. E. 3 *c* 38 W. 117
Sackett, N. *p* 56 Hamilton Pl.
Sacks, F. 3 t *15 E. 106*
Sadtler, C. B. 1 *s* Hartley
Safer, M. S. *pl* 266 Henry
Safford, W. C. *nm c* Spring Valley
Sagarino, J. F. 2 *m* 148 W. 64
Sage, E. W. 1 *c* 303 W. 80
Sage, L. S. 2 b
165 Cleveland, Orange
Sailer, T. H. P. *gr t* 156 Fifth ave.
Sait, U. B. ph *421 W. 121*
Salant, H. *ph* 200 Broadway
Salas, L. E. *p* 1972 Honeywell ave.
Salisbury, M. E. 4 t *159 W. 105*
Salmowitz, R. L. gr t
23 Broome, Bklyn.
Salomon, A. L. ph *20 E. 55*
Salsbury, M. 3 *s* 30 W. 96
Salsbury, N. 3 *l* 30 W. 96
Salutsky, J. B. *pl* 612 W. 184
Salwen, D. 3 b *1450 W. 45, Bklyn.*
Salzman, A. B. 2 b
5403 Fifteenth ave., Bklyn.

Sameth, B. 4 t
375 State, Perth Amboy, N. J.
Sameth, E. 4 t *460 E. 139*
Samuel, M. 1 *c*
20 E. 41, Bayonne
Samuels, A. H. 1 *c* 301 W. 108
Samuels, M. 3 *s* 907 Prospect ave.
Samuels, M. M. 1 *c* 301 W. 108
Sanborn, J. C. 2 *l* Hartley
Sanborn, M. L. 4 b
1477 Lexington ave.
Sanders, T. M. 1 *c* 562 W. 113
Sanderson, M. L. ph *500 W. 114*
Sandford, G. 4 b
1266 Amsterdam ave.
Sandford, H. L. 1 b
1266 Amsterdam ave.
Sandhusen, L. H. 1 *c*
295 E. 4, Bklyn.
Sanger, A. C. 3 *s* Hartley
Sanger, R. C. *ph* 105 W. 40
Sapiro, D. 3 *c*
Sarauw, C. E. ph *312 W. 123*
Sarauw, J. M. ph *312 W. 123*
Sassulsky, I. J. 2 *m*
312 Hopkinson ave., Bklyn.
Saul, G. E. 4 b
429 Ninth ave., Long Island City
Saulsbury, A. D. 3 t *435 W. 123*
Saunders, A. C. *pl* 175 Ninth ave.
Saunders, J. C. ph *3 W. 92*
Savage, J. M. 2 b
9 Lincoln ave., Rutherford, N. J.
Saville, F. E. 3 t
338 Lafayette ave., Bklyn.
Sawyer, C. R. 3 *m* 338 W. 55
Saxe, W. V. 2 *c* 75 E. 81
Sayers, M. ph *Whittier*
Scales, E. R. p
62 Garrison ave., Jersey City
Schachtel, H. A. 1 *s*
911 Summit ave.
Schachter, F. 3 *t* 350 E. 4
Schaefer, H. H. *phar*
801a Willoughby ave., Bklyn.
Schapiro, M. S. 4 *s* 326 E. Houston
Schattinger, G. F. 4 *s* Hartley
Schechter, F. I. 2 *c* Livingston
Schede, F. C. 3 *s* 531 W. 113
Scheel, G. G. *nm l*
Scheftel, Y. ph *146 W. 100*
Scheinbach, M. H. 3 *t* 132 Goerck
Schene, L. H. H. 1 *c*
2942 Bainbridge ave.
Scheuch, W. A. 3 *s* 547 E. 171
Scheuer, S. H. 2 *c* 28 W. 127
Schiel, W. E. *nm c*
Schlesinger, A. M. *pl* Livingston
Schlesinger, E. 3 b *61 W. 74*
Schlesinger, G. 4 *c* Hartley
Schlesinger, L. A. 2 *c* 256 W. 97
Schleussner, R. C. *phar* 360 W. 23
Schlichting, L., Jr. 4 *s* 429 W. 117
Schlossman, W. M. 3 *s* 37 W. 118
Schlottman, G. 3 *s* 627 W. 113
Schmidt, A. M. 4 *c*
556 McDonough, Bklyn.
Schmidt, E. M. N. A. 1 b
317 High, W. Hoboken
Schmidt, F. B. 1 *s* Adrian ave.
Schmidt, W. C., Jr. 3 *s*
1253 St. Nicholas ave.
Schneerveiss, T. C. 1 *s*
1039 Boulevard, L. I. City
Schneider, E. 4 t *500 W. 123*
Schneider, E. T. 3 t 210–7, Hoboken
Schneider, L. S. 2 *s* 1 W. 117
Schneider, W. S. *f a* 120 W. 88
Schnepp, E. R. 2 *s*
Ridgefield Park
Schnur, H. 2 *s* 187 Varet, Bklyn.
Schoedler, L. H. 4 b
240 Purdy, Steinway, L. I.
Schoenfeld, A. M. nm t *438 E. 83*
Scholle, H. A. 2 *l* 11 E. 76
Scholz, F. W. 4 *c* 414 Fourth ave.
Schonberg, M. *pl* 855 E. 156
Schorer, A. R. *pl* 105 E. 22
Schorr, M. L. 1 b 2798 Morris ave.
Schott, M. 4 t *210 W. 140*
Schottland, J. *ph*
877 Intervale ave.
Schrader, F. 1 *s* Hartley
Schreiter, H. A. ph *59 W. 87*
Schrenkeisen, F. G. 1 *c*
Mamaroneck
Schroeder, L. C. 4 *m* 222 Bowery
Schroeder, M. 3 t 1390 Clinton ave.
Schubert, E. A. D. H. 2 b
400 W. 124
Schubert, O. E. 4 *c* 565 W. 113
Schulman, J. 1 b 37 Hamilton Ter.
Schultz, H. S. 3 *l* 604 W. 114
Schultz, L. C. 3 *s* 604 W. 114
Schulz, P. *f a* 506 W. 143
Schulz, G. F. *ph* 506 W. 143
Schuman, C. B. 4 t *Whittier*
Schur, R. P. 2 *l* 4 Hamilton Ter.
Schurman, G. W. 2 *s* 330 E. 152
Schwanenfluegel, H. V. *f a*
134 E. 72
Schwartz, A. A. 3 *m* 584 Broome
Schwartz, E. E. 4 *t*
2778 Atlantic ave., Bklyn.

Schwartz, F. W. *p* Hartley
Schwartz, L. F., Jr. *2 l* 604 W. 114
Schwartzman, F. 1 b
1487 Bryant ave.
Schwarz, O. L. *ph*
1774 Washington ave.
Schwarze, C. A. *p* 92 Stagg, Bklyn.
Schwarzkopf, H. 1 *s* 877 E. 24
Schwarzwaelder, F. E. 1 b Brooks
Schweis, E. M. 3 b 434 W. 163
Schweitzer, E. f a
1823 Anthony ave.
Schweizer, J. A. *2 s* 540 W. 113
Schwerd, F. M. *2 m*
206 Lenox ave.
Scoon, R. M. *ph*
Union Theological Seminary
Scott, A. H. *2 l* Livingston
Scott, D. B. *4 s*
11 Overlook, Mt. Vernon
Scott, F. E. *3 l* Livingston
Scott, F. W. *4 m* New Brunswick
Scott, G. W. A. *4 c* 752 E. 224
Scott, L. B. *4 t* 29 E. 111
Scott, P. A. *1 c* N. Y. C.
Scovil, E. A. 1 b 515 W. 122
Scratchley, G. K. *3 c*
Scribner, F. J. *pl* 600 W. 122
Scudder, E. D. gr t 203 W. 103
Scully, M. P. 3 b
416 Amity, Flushing, L. I.
Sears, J. B. *gr t* 547 W. 123
Sebbelov, G. ph 521 W. 111
Sedgwick, H. R. *f a* 107 E. 37
Seel, W. M. *ph* Union Theol. Sem.
Seely, C. E. 4 b 505 W. 122
Seely, C. R. *1 c* 520 W. 123
Seely, L. H. 4 t
50 Gautier ave., Jersey City
Seelye, E. E. *4 s* 430 W. 118
Segee, G. R. 3 b 405 W. 118
Seibels, R. E. *1 m*
Blackwell's Island
Seibert, H. 2 b 2230–83, Bklyn.
Seidler, V. B. *3 m*
74 Hillside ave., Newark
Seil, G. E. *3 s* Perth Amboy
Selden, E. D. S. nm t
Harlem Hospital, 136 & Lenox ave.
Seldner, G. E. 1 b
10 Baldwin Place, Yonkers
Selig, S. *2 c* 154 Monroe
Seligman, C. R. 1 b
Hotel Netherland
Sell, L. L. *3 c* 1439 Lexington ave
Selleck, A. ph Whittier
Sellew, W. H. *4 s* 78 E. 79
Sellew, W. W. *2 c* 78 E. 79
Selvage, N. *3 s* 429 W. 117
Semple, R. A. *3 s* Livingston
Sen, J. T. E. *1 s* 515 W. 124
Sengstaken, J. H. *1 s*
497 Decatur, Bklyn.
Sergent, N. B. ph 503 W. 121
Setchanove, R. J. *1 c* 215 W. 23
Sethna, N. R. *3 s* Hartley
Severance, G. H., Jr. *ph*
175 Ninth ave.
Severin, T. pl 3 Gramercy Park
Seveso, A. 4 t 43 Tillary, Bklyn.
Seymour, F. E. *gr t*
17 Hawthorne Pl., Montclair
Seymour, R. 3 t 2297 Sedgwick ave.
Seymour, R. B. *1 l* 355 W. 145
Seymour, W. G. S. *1 c*
277½ N. 6, Newark
Shack, E. S. 3 t 67 E. 78
Shackelton, C. E. 1 b 219 E. 27
Shaffer, B. E. 3 t Whittier
Shaffer, I. L. 4 t Whittier
Shaken, V. *3 s* 870 E. 165
Shalek, B. A. *1 l* 601 W. 140
Shalleck, J. *1 c* 1840 Seventh ave.
Shannon, A. M. 1 b 324 W. 71
Shannon, A. M. 3 t Hollis, L. I.
Shannon, R. L. 2 b 324 W. 71
Shanks, N. *2 c*
295 Throop ave., Bklyn.
Shapinsky, A. T. pl Livingston
Shapiro, A. *1 c* 30 E. 22, Bayonne
Shapiro, I. *2 c* 1332–51, Bklyn.
Shapiro, L. G. *2 m*
424 Van Houten, Paterson
Shapiro, R. *1 s*
103 Throop ave., Bklyn.
Sharlitt, M. *gr t* 519 W. 44
Sharpe, P. M. 3 b 376 E. 136
Shaterian, W. S. *nm l*
1092 Amsterdam ave.
Shaw, A. M. ph 609 W. 127
Shaw, C. G. *1 c* 307 W. 83
Shaw, F. D., 2d, *1 c* 307 W. 83
Shaw, G. M. 3 b 19 W. 46
Shaw, J. J. *2 s* 618 W. 113
Shaw, J. M. 2 b Brooks
Shaw, M. B. 3 b 512 W. 149
Shaw, P. A. *3 s* 540 W. 113
Shawhan, R. *f a* 557 W. 141
Shauts, I. D. *4 c* Hartley
Shears, L. A. *3 c* 203 W. 103
Shehan, M. 3 b
1974 Richm'd Ter., Pt. Richmond
Sheinman, L. *4 m*
1931–33 Madison ave.

Shelby, W. W. 4 *s* 419 W. 115
Sheldon, H. 3 t
557 E. 28, Paterson
Sheldon, M. A. 4 t *Whittier*
Shelley, D. M. 3 b
218 Garfield Pl., Bklyn.
Shelley, H. V., Jr. 2 *c*
859 Huntspoint ave.
Shelton, A. 3 t *Whittier*
Shenfield, L. L. *f a* 311 W. 95
Shenton, H. N. *pl* Madison, N. J.
Shepard, M. G. 2 *s* Livingston
Shepherd, B. A. 1 *l* Livingston
Sheppard, E. E. 3 t
85 State, Hackensack, N. J.
Sheridan, J. A. 3 *t*
200 Waverly Pl.
Sheridan, M. C. nm t
67 Prospect Pl.
Sherin, L. M. 3 b *516 W. 143*
Sherman, D. nm t *Whittier*
Sherrer, F. Q. 3 *l* Hartley
Sherwood, J. O. 4 t *416 W. 122*
Shibley, G. S. 2 *c* 457 W. 164
Shiland, A. R. 1 *l* 109 E. 57
Shimer, M. B. 3 t *3120 Broadway*
Shipman, B. F. *nm l* 415 W. 118
Shires, H. H. *pl* 175 Ninth ave.
Shirley, A. R. 3 *c* 346 W. 56
Shlimbum, S. 3 *m* 169 E. 75
Shoemaker, A. T. 3 t *439 W. 123*
Shook, C. G. 2 b *Whittier*
Showers, R. W. *ph* B'way & 120
Shrewsbury, W. E. 3 *c*
148 Van Buren, Bklyn.
Shulansky, J. 1 *m* 1250 Boston Rd.
Shull, A. F. *p* Livingtson
Shultz, B. E. *pl* 709 W. 170
Shurman, A. M. 3 t *Whittier*
Shurtz, H. M. 4 t *3692 B'way*
Shwitzer, M. 4 b *16 E. 96*
Siceloff, J. A. 4 *c* 529 W. 123
Sickels, J. S. 3 *l* Livingston
Siclari, F. A. 2 *l* 210 Thompson
Sidbury, J. B. 3 *m* 325 W. 58
Sidell, R. H. 3 b *6 W. 103*
Siegel, L. S. 1 *s* 172 W. 79
Siegel, M. T. 3 *m* 58 W. 118
Siegler, L. 1 *s* 1515 Charlotte
Siegrist, M. 4 t *Whittier*
Siemon, W. S. 1 *c* 565 W. 113
Siepert, A. F. 4 *t*
38 N. Willow, Montclair
Siff, A. L. 3 *c* 1117 Forest ave.
Siff, L. 1 *s* 1117 Forest ave.
Silberstein, N. *gr t*
1249 Amsterdam ave.
Sill, M. E. 3 t *500 W. 122*
Sillcox, C. M. p *527 W. 121*
Sillcox, L. M. 3 b *527 W. 121*
Sills, L. E. McC. *pl*
General Theological Seminary
Silver, M. *f a* 119 E. 96
Silverman, A. 1 *l* 70 Lenox ave.
Silverman, L. B. nm b *45 E. 75*
Silverman, T. *phar*
591 Prospect ave.
Silverstein, I. P. 3 *s*
Fifth ave. & 108
Simeral, I. pl *Brooks*
Simmonds, F. H. 1 *s*
49 Caroline ave., Yonkers
Simmons, E. B. 2 *m*
53 Washington Sq.
Simmons, E. S. nm t *Whittier*
Simmons, M. M. 4 t
194 Joralemon, Bklyn.
Simmons, W. *f a* 530 W. 123
Simon, C. K. 3 *s* 306 W. 99
Simon, G. *phar* 189 W. 136
Simon, H. 1 *c* 233 E. 80
Simon, M. L. S. 3 *m*
206 Main ave., Passaic
Simons, L. G. ph *180 W. 88*
Simpson, C. F. 3 t *537 W. 121*
Simpson, H. N. *gr t* 981 Fox
Simpson, K. A. 4 t *419 W. 121*
Sims, N. L. *pl* Broadway & 120
Sinclair, R. H. 2 *c* Towaco, N. J.
Sinclair, C. G., Jr. 2 *s*
Sinclair, D. B. 1 *m* 471 Park ave.
Singer, A. 1 *c*
312 Stevens, W. Hoboken
Skarvan, S. J. 1 *s* 520 E. 81
Skeel, H. R. 2 *m* 361 Mott ave.
Skidmore, M. *ph* Hartley
Skinner, F. W. 3 *s* Hartley
Skinner, G. E. 3 t
194 Joralemon, Bklyn.
Skinner, J. L. 3 t *138 W. 91*
Skipp, F. E. 2 *c* Livingston
Skipp, H. J. *ph* Livingston
Slade, E. B. 1 *s* 510 W. 124
Slade, M. G. 1 b *510 W. 124*
Slater, A. 1 *c* 245 E. 118
Slator, M. M. 3 t
250 Manhattan ave.
Slattery, E. J. 1 *s* 53 E. 87
Slaymaker, A. B. 4 t
Sleeper, J. T. *f a* 503 W. 122
Sleffel, K. F. 4 t *195 Claremont ave.*
Slocumb, E. 4 t *24 W. 12*
Sloper, K. T. 1 *s* 509 W. 122
Slosson, P. W. 2 *c* 530 W. 123

Slutzky, H. 4 *c*
627 Marcy ave., Bklyn.
Smale, W. P., Jr. 3 *c* 470 W. 146
Smalley, M. F. 1 b *501 W. 121*
Smallheiser, A. L. 2 *c*
259 Hart, Bklyn.
Smart, A. M. 4 t
130 Claremont ave.
Smeeton, M. A. nm t *Whittier*
Smillie, R. 3 *s* 440 West End ave.
Smith, A. 3 b
114 S. Seventh ave., Mt. Vernon
Smith, A. A. *pl* Hartley
Smith, A. C., Jr. 3 *c*
527 Riverside Dr.
Smith, A. D. F. 2 *c* 603 W. 184
Smith, A. M. nm t
222 Clark, Westfield, N. J.
Smith, E. P. pl *Whittier*
Smith, F. B. *f a* Livingston
Smith, F. D. 4 *t* 203 W. 102
Smith, F. M. 3 t *Whittier*
Smith, F. M. 4 p *418 W. 118*
Smith, G. *ph*
90 Morningside ave., W.
Smith, G. H. 4 b *195 Claremont ave.*
Smith, H. 1 t *419 W. 121*
Smith, H. 4 t *1226–54, Bklyn.*
Smith, H. 4 t *420 W. 119*
Smith, H. E. ph
827 Washington, Hoboken
Smith, H. M., Jr. 1 *l*
Smith, I. D. 1 *c* 127 W. 69
Smith, J. G. 4 t *Whittier*
Smith, J. L. 3 *s* 500 W. 121
Smith, L. A. 1 *l* Livingston
Smith, L. B. 2 *s* 540 W. 113
Smith, L. G. 3 t
100 Morningside ave., W.
Smith, M. D. F. 3 *m* Livingston
Smith, M. E. 3 t *Whittier*
Smith, M. G. 4 t *Whittier*
Smith, M. H. ph *620 E. 17, Bklyn.*
Smith, M. R. 4 t *501 W. 120*
Smith, N. H. *pl* 509 W. 122
Smith, N. M. pl
Smith, R. L. *gr t* Freeport, L. I.
Smith, S. 1 *c* 32 W. 92
Smith, S. E. *f a* 558 W. 113
Smith, S. L. *gr t* 419 W. 115
Smith, S. V. 3 *t* Hartley
Smith, S. W. 1 *s* Hartley
Smith, T. A. 1 *m* 346 W. 57
Smith, V. 3 b *527 Riverside Dr.*
Smith, W. L. 1 *c* Baldwin, L. I.
Smith, W. M. *p* 373 W. 123
Smith, Y. B. 2 *l* Livingston

Smithers, A. F. 1 *c* 425 W. 144
Smithey, N. C. 4 t *Whittier*
Smitz, A. H. 3 *c* Hartley
Smyth, H. G. 1 *c*
68 Dwight Pl., Englewood
Smythe, F. W. 1 *c* 513 W. 113
Snoddy, M. B. 3 t *Whittier*
Snodgrass, N. V. ph *Whittier*
Snow, E. M. gr t *Whittier*
Snow, M. R. gr t *386–4, Bklyn.*
Snyder, A. E. gr t *410 W. 115*
Solender, S. S. 4 *t* 167 E. 106
Solinger, W. B. 3 *l*
340 Vernon ave., Bklyn.
Solomon, M. *ph* 858 Hewitt Pl.
Solomon, S. *phar* 443 W. 57
Somerville, R. S. 1 *c* 477 Hudson
Sondheim, H. R. 1 b
587 Riverside Dr.
Sosin, L. 1 *c* Perth Amboy
Sosuke, O. *pl* Hartley
Souers, H. C. *f a* 431 W. 117
Soundstrom, M. N., Mrs. 3 t
101 W. 109
Southerton, M. 3 b *Brooks*
Sowers, D. C. *pl* Livingston
Sowles, E. B. gr t
12 Fairview ave., Orange
Spalthoff, W. D. 2 *s* Hartley
Sparer, J. R. *ph* 112 W. 69
Sparks, C. B. *ph* Tuxedo
Sparks, T. A. *nm c* 558 W. 113
Spear, D. A. 3 b *850 Tinton ave.*
Spence, P. S. 1 *c*
35 Mt. Morris Park, W.
Spencer, E. B. 1 *c* 1124 Tinton ave.
Spencer, F. B. 4 *c* 1124 Tinton ave.
Spencer, H. J. 2 *m* Hartley
Spencer, H. L. *nm c* 408 W. 115
Spencer, M. 4 t
194 Joralemon, Bklyn.
Spencer, R. V. *gr t*
2833 Church ave., Bklyn.
Sperling, H. 3 *t*
562 Bedford ave., Bklyn.
Sperling, J. L. 2 b
1200 Madison ave.
Spier, D. J. p *209 Dyckman*
Spiers, H. W. 4 *m* 346 W. 57
Spining, H. M. 4 t
121 Irvington ave., S. Orange
Spooner, M. G. 2 *c* 346 W. 57
Sprague, H. A. 3 *t*
Ridgefield Park
Springer, A. P. 2 *c* 608 W. 140
Springer, M. P. 4 *c*
174 St. Nicholas ave.

Spurr, E. E. 3 t *Whittier*
Squier, G. F. 3 *s* 523 W. 113
Staats, M. nm b *749 Madison ave.*
Stableford, R. G., Jr. 1 *c*
8 Poplar, Bklyn.
Stacey, E. nm t
86 Jefferson, Perth Amboy
Stack, E. M. 3 b *435 W. 123*
Stackler, E. L. 2 *c* 61 W. 88
Stadler, B. F. 3 t *701 W. 178*
Stage, J. M. 3 t *523 W. 123*
Stagen, R. M. 4 b
459 Bement ave., W. Brighton
Stäger, S. ph *101 E. 78*
Staiger, B. C. 3 *s* 616 W. 113
Stair, B. W. *ph* C. C. N. Y.
Stallcup, E. S. *nm l* 521 W. 122
Standerwick, H. F. 3 *c*
71 Clinton Pl.
Stanley, A. A. gr t *63 W. 87*
Stanley-Brown, R. *f a*
Stanton, B. ph *757 Quincy, Bklyn.*
Stanton, J. R. W. 1 *c* 431 W. 117
Stanton, W. H. 4 *t* 571 E. 28, Bklyn.
Staples, C. L. *gr t* Hartley
Stark, W. E. *gr t* 537 W. 123
Staub, M. H. ph *524 W. 123*
Staub, P. M. *f a* Mamaroneck
Staubitz, H. C. 2 *c*
240 Jackson ave., Jersey City
Stauffer, M. T. *pl*
Union Theological Seminary
Stearns, G. R., Jr. 2 *c* Hartley
Stearns, R. 1 *c*
Webster ave., New Rochelle
Stearns, W. W. 3 *c*
23 Coddington, Yonkers
Stebbins, M. C. 1 b
23 Stevens, Astoria
Steel, J. A. 3 *c* 405 W. 123
Steele, E. nm t *519 W. 121*
Steele, E. 4 t *18 Barry Pl., Passaic*
Steele, R. A. 3 t *94 Lawrence*
Steele, R. H. 3 *l*
33 Monroe Pl., Bklyn.
Steffen, G. W. 1 *s* 343 W. 56
Steffen, W. C. A. 2 *m*
557 Fourth ave., College Pt.
Stegman, B. C. 3 b
1041 Bloomfield, Hoboken
Stein, J. D. 1 *s* 105 E. 127
Stein, L. E. sp b *12 W. 90*
Stein, M. *nm b* 18 E. 75
Stein, N. H. ph *763 Jennings*
Steinberg, M. J. 2 *s* 120 Sheriff
Steinbruch, W. 2 *s*
206 Eighth ave., Bklyn.
Steindler, E. L. 3 *s* 100 W. 70
Steindler, L. L. 1 *s* 100 W. 70
Steinecke, J. A. 4 b
55 1/2 Lynch, Bklyn.
Steinemann, R. 4 *c*
1751 Amsterdam ave.
Steiner, J. 3 *l* Livingston
Steinhardt, L. A. 2 *c* 23 E. 92
Steinhauser, W. 1 *m* 156 E. 2
Steinmetz, F. C. 3 *m* 352 W. 19
Stellman, E. G. 2 *m* 9 E. 72
Stenbuck, B. E. 1 b
205 Franklin ave., Bklyn.
Stephen, W. M. *p* 416 W. 118
Stephens, G. E. 1 b
461 Quincy. Bklyn.
Stephens, I. M. ph *Whittier*
Stephens, R. *4 c* Hartley
Stern, A. 1 b *56 W. 72*
Stern, A. N. 2 *c* 51 W. 88
Stern, H. J. 1 *c* 112 W. 116
Stern, K. G. 3 *s* 109 W. 54
Stern, L. *pl* East Side House
Stern, W. 1 *s*
450 Springfield ave., Newark
Sterricker, J. W. 1 *s* 133 W. 89
Sterritt, J. E. 2 *l*
31 Ellis Place, Ossining
Stetson, R. E. 4 *m* 346 W. 57
Stevens, C. G. *pl*
General Theological Seminary
Stevens, E. 3 t
Stevens, H. C. 2 *s* 616 W. 113
Stevens, J. W. *ph*
116 Linden ave., Bloomfield
Stevens, W. B. *pl* 318 Lenox ave.
Stevenson, T. J. *gr t* 163 W. 64
Steward, N. L. 4 t *537 W. 121*
Stewart, E. 2 *l* Hartley
Stewart, E. G. 4 t *Whittier*
Stewart, H. H. 4 *t* 368 W. 117
Stewart, I. M. 4 t *420 W. 118*
Stewart, J. A. 1 *s* 467 W. 164
Stewart, J. B. *nm c* 540 W. 113
Stewart, J. J. gr t *Whittier*
Stewart, M. W. 1 b
1058a Sterling Place, Bklyn.
Stewart, N. 3 b *238 E. 176*
Stewart, R. R. 4 *c* 467 W. 164
St. George, A. V. 1 *m*
344 Ogden ave., Jersey City Hts.
Stickles, L. 4 *c*
957 Broad, Newark
Stiefel, W. A. 2 *c*
53 Fairview ave., S. Orange
Stiles, H. E. D. 1 b
Hasbrouck Heights, N. J.

Stiles, M. M. 4 t *431 W. 121*
Stimson, M. B. 4 b *68 W. 40*
St. John, McK. ph
341 Webster ave., Long Island City
Stilt, A. M. 1 b *156 W. 93*
Stockton, H. M. 3 t
Hudson ave., Englewood
Stockton, S. D., Jr. 2 *l* Livingston
Stoll, M. 4 *s* 121 E. 115
Stolnick, I. 3 *t* 138 Ludlow
Stolpe, E. R. S. *ph* 217 E. 49
Stone, A. M. 3 t *Whittier*
Stone, E. W. 4 *c*
1128 Bedford ave., Bklyn.
Stone, L. 3 *t* 382 Grand
Stone, L. M. gr t
1433 Union, Bklyn.
Storer, H. M. 3 t *White Plains*
Storey, J. A., Jr. 2 *c* 540 W. 113
Story, H. V. 2 *l* 119 E. 19
Stout, A. P. 3 *m* 574 Madison ave.
Stoutenburgh, C. H. *gr t*
110 W. 77
Stowell, D. D. 4 *m* 313 W. 70
Stowell, R. K. ph *616 W. 116*
Stowell, W. A. 4 *t*
Straight, G. C. pl *520 W. 152*
Straiton, C. 1 b *435 W. 123*
Strang, B. B. 2 *c*
301 Lafayette ave., Bklyn.
Strang, R. B. 2 *s*
431 Putnam ave., Bklyn.
Strasburger, S. M. 4 *c* Livingston
Strassburger, H. S. nm t
503 Central ave., E. Orange
Stratford, A. C. ph
163 Clinton ave., Bklyn.
Straus, S. 3 b
504 Richmond Ter., N. Brighton
Strauss, E. 1 *l* 317 W. 75
Strauss, I. W. 1 *c* Hartley
Strauss, S. G. 2 *m* 46 E. 75
Street, A. 2 *m* 151 E. 33
Street, G. M. 2 *m* 151 E. 33
Street, L. J. pl 292 Ryerson, Bklyn.
Streeter, H. G. 1 *s* Livingston
Streightoff, F. H. *pl*
85 Macon, Bklyn.
Streubel, E. J. *ph*
169 Lefferts ave., Bklyn.
Stringer, E. 3 t *Whittier*
Strippel, A. E. 4 *s* 102 E. 112
Strobel, R. L. 4 *s* Livingston
Strong, E. K., Jr. *ph* Hartley
Struthers, R. T. 3 *s* 376 E. 136
Stryker, K. T., Mrs. ph
Hotel Woodward
Stryker, L. C. 1 *l* 802 W. 181
Stryker, R. F. *gr t* 450 W. 147
Stuart, E. L. pl *29 E. 11*
Stuart, F. 3 t *Whittier*
Stubbs, J. H. ph *614 W. 135*
Stumberg, G. W. 2 *l* Livingston
Stuntz, C. B. *ph*
38 Green ave., Madison, N. J.
Sturges, S. E. D. 1 b *204 W. 105*
Sturtevant, A. H., Jr. 3 *c*
Edgewater, N. J.
Suffern, A. E. *pl* 521 W. 125
Sullivan, A. S. 4 t *59 W. 12*
Sullivan, C. G. 4 *s* Hartley
Sullivan, F. B. 1 t *63 W. 56*
Sullivan, J. J. 3 *t* 82 Faight
Sullivan, R. E. 2 *l*
Sullivan, T. F. X. 1 *m*
601 W. 182
Sullo, N. A. 4 *m* 686 Eagle ave.
Sulzberger, A. H. 2 *c*
516 West End ave.
Sumner, B. 4 t *430 W. 122*
Sumner, C. 4 *m* 24 Ridge, Orange
Sun, H. W. 3 *s* Hartley
Sun, M. 2 *s* Hartley
Sunderland, B. 4 t *19 W. 129*
Surrey, N. M. M. pl *505 W. 122*
Surut, A. 2 b *138 W. 121*
Sussmann, E. *gr t* 624 E. 169
Sutliff, E. H. 1 *c* 344–1, Bklyn.
Sutton, G. D. *gr t* Hartley
Suverkrop, E. A. 3 *s* 251 W. 109
Suydam, J. R., Jr. 4 *s*
414 Madison ave.
Swain, J. W. 3 *c* Hartley
Swallow, H. J. 3 *s* 605 W. 184
Swan, H. S. *pl* 557 W. 124
Swan, W. W. *nm s*
Navesink, N. J.
Swanson, I. M. 4 t *501 W. 121*
Swartwout, R. G. *f a* 558 W. 113
Swartz, M. D. 3 *s* Livingston
Swazey, E. S. 2 *c* Hartley
Sweesy, L. V. nm t *500 W. 122*
Sweet, A. B. pl *3 Gramercy Park*
Swift, S. 2 *m* 44 W. 44
Syska, A. G. 2 *s* 100 W. 94
Szanto, S. S. 4 *s* 127 E. 114

Tackmann, H. 2 *s* 253 E. 82
Tag, W. 3 *s* 511 Macon, Bklyn.
Tall, S. B. 1 *c* Hartley
Tallant, J. D. 1 *s* 614 W. 113
Tallman, G. G. 4 b *3605 Broadway*
Talmage, R. W. 1 b
959 Prospect ave.

Tambling, C. F. *gr t* Leonia, N. J.
Tanaka, H. 4 t *419 W. 121*
Tang, Y. L. 3 *s* Livingston
Tannenbaum, S. W. 2 *l* 58 E. 123
Tanner, B. L. nm t *Whittier*
Tanner, J. R. 4 t *Whittier*
Tanner, W. F. 1 *c* 550 W. 114
Tanzola, V. 2 *c* 162–9, Bklyn.
Tarantous, R. 3 *s* 1063 Teller ave.
Tarney, J. B. *ph*
Union Theological Seminary
Tashof, I. P. 3 *s* 145 E. 38
Tasker, H. B. M. ph *154 Nassau*
Tatge, A. M. 4 t *Whittier*
Tattershall, F. gr t *523 W. 134*
Tawyer, M. A. 3 t *Whittier*
Taylor, A. M. pl
29 Beach ave., Mamaroneck
Taylor, C. E. *gr t* 253 W. 145
Taylor, E. L. 3 t *521 W. 123*
Taylor, E. L. 1 *c* 180 W. 74
Taylor, E. L. 1 *c* 526 W. 139
Taylor, F. 2 *m* 130 E. 67
Taylor, I. nm t 98 Morningside ave.
Taylor, J. C. nm t
249 Broad, Bloomfield, N. J.
Taylor, L. 3 t *519 W. 121*
Taylor, L. G. 1 *s*
Taylor, M. 1 *l* 435 Riverside Drive
Taylor, R. *ph* Livingston
Tenney, A. M. 1 *m* 437 W. 57
Tenney, D. 1 *s* Livingston
Termini, P. J. 3 *l*
1105 Ave. U, Bklyn.
Terragni, M. J. *phar* 259 Bleecker
Terrell, E. F. 2 b
93 Cambridge Pl., Bklyn.
Terry, C. J. 4 t *Whittier*
Tessier, E. L. nm t *140 E. 16*
Tewksbury, E. B. *ph*
412 Ninth ave.
Thayer, M. H. 3 t *Whittier*
Thaw, H. D. 1 b *854 Fifth ave.*
Thees, C. R. 3 b *271 Lenox ave.*
Thiesing, T. H. 1 *l* 522 W. 151
Thode, W. F., Jr. *phar* 530 E. 188
Thomas, A. L. 4 t *Whittier*
Thomas, A. W. 3 *s*
Thomas, E. M. 1 b *Brooks*
Thomas, F. M. 4 t *Whittier*
Thomas, J. A., Jr. 2 *s* 605 W. 146
Thomas, W. L. 4 *s* 175 W. 72
Thomason, J. F. *ph* Livingston
Thompson, A. R. p *540 W. 122*
Thompson, C. D., Jr. *pl*
236 W. 71
Thompson, L. M. 3 *m* 236 W. 71
Thompson, L. P. nm t *Whittier*
Thompson, L. S. 4 *s*
1373 Washington ave.
Thompson, M. K. 4 t
2670 Bedford ave., Bklyn.
Thompson, R. 3 b
407 Washington ave., Port Richmond
Thompson, R. C. 2 *l* Sea Gate
Thompson, W. J. *gr t*
Thompson, W. S. 4 *c* 116 W. 127
Thomson, A. S. *gr t* 419 W. 121
Thomson, E. 4 b *568 W. 161*
Thomson, H. S. *pl*
Union Theological Seminary
Thorburn, G. 2 *m* 231 W. 69
Thorn, F. C. 3 *s* 515 W. 139
Thornton, A. C. 4 t *410 E. 178*
Thornton, T. F. 2 *l*
229 Hinsdale St., Bklyn.
Thorpe, B. D. 4 *m* 136 W. 82
Thorpe, E. O. *ph* 207 Dyckman
Thurber, C. sp b *422 W. 119*
Thurlow, L. K., Jr. 3 *c*
152 Gates ave., Bklyn.
Thursby, S. 1 *c*
Mt. Hope, Westchester Co.
Tiemann, K. H. 4 b *Brooks*
Tiffany, E. P. 4 t *Whittier*
Tiffany, L. C. sp b *27 E. 72*
Till, C. 4 t *530 W. 113*
Tilney, F. *p* 161 Henry, Bklyn.
Timberlake, E. gr t *Whittier*
Timmons, W. J. 2 *c* Hartley
Tink, A. E. *pl*
Union Theological Seminary
Tishman, L. 2 *c* 25 W. 90
Titlar, R. S. 1 *c*
4 Wolden Rd., Ossining
Titus, N. E. 3 *m* 127 W. 11
Titus, R. P. 1 *c* 614 W. 113
Toaz, R. K. *ph*
Tobias, H. 1 b *478–2, Bklyn.*
Tobias, R. J. 1 b *54 E. 122*
Todd, A. E. 3 t *501 W. 121*
Todd, C. N. 2 *s* 237 W. 107
Todd, J. R. *pl* Livingston
Todd, J. W. *ph* 418 W. 124
Todd, R. W. 1 *l* 260 W. 76
Todd, T. M. *ph* West Orange
Todtschinder, P. 2 *s*
98 Lee ave., Bklyn.
Tompkins, N. M. pl
Tonkonogy, G., Jr. 1 *c*
E. P'kway & Ralph ave., Bklyn.
Tonnelé, T. M. 1 *l* 282 W. 70
Tooker, H. C. 3 *c*
Topp, E. p *428 W. 20*

Topping, H. F. 4 t *Whittier*
Torborg, G. R. 3 *s* 621 W. 145
Touart, A. J. 1 *l* Hartley
Tovell, H. M. 3 *m*
Riverside Drive & 110
Tower, D. L. 1 *s* 520 W. 139
Towler, M. B. 3 t *Whittier*
Townsend, D. S. 1 *l* Hartley
Townsend, S. M. *gr t*
646 Park ave.
Tozer, A. M. ph *520 W. 152*
Tracey, J. *f a*
Track, I. P. 1 b *65 Linden, Bklyn.*
Trafton, G. H. *gr t*
164 Passaic ave., Clifton
Tragitt, H. N. 2 *c*
211 S. Ninth ave., Mt. Vernon
Trausil, O. J. 2 *c*
52 Morningside ave.
Travis, G. pl *146 Quincy, Bklyn.*
Treadwell, B. H. 1 b
254 Amity, Flushing
Tredick, H. F. gr t *Whittier*
Tredwell, E. A. S. pl *57 W. 106*
Tremper, C. L. nm t *541 W. 123*
Tressler, J. C. *ph*
1199 Bergen, Bklyn.
Trieschmann, H. F. 4 t *449 W. 123*
Trillich, B. L. 3 *s.* 675 Union ave.
Trimble, R. J. 3 *c* 420 W. 119
Trischka, C. 2 *s*
135 S. Vine, Richmond Hill
Trottier, T. ph *501 W. 122*
Troutfelt, E. M. 2 *l* Livingston
Trowbridge, M. C. 4 t *417 W. 120*
Troxell, E. 3 t *408 W. 115*
Truax, R. H. *ph* The Wyoming
Truesdell, W. B. *p* 512 W. 135
Tsai, Kuo-Tsao, K. T. *p*
Livingston
Tsai, Y. T. *p* Hartley
Tsao, F. Y. 4 t *503 W. 121*
Tschudy, E. A. 4 *s* 209 E. 45
Tsu, Y. Y. *p* 175 Ninth ave.
Tucker, E. L. 3 t *Whittier*
Tuckerman, J. C. 1 b *118 E. 37*
Tully, M. 1 b *419 E. 50*
Tunison, E. H. 2 *m*
99 Doscher, Bklyn.
Tupper, K. 3 t *Whittier*
Tupper, M. 3 t *Whittier*
Tupper, W. D. 4 *s*
79 Chestnut, East Orange
Turck, V. 2 b *202 W. 103*
Turk, E. 1 *l* 404 W. 124
Turner, R. M. 3 t *Whittier*
Turpin, E. C. *nm c* 558 W. 113
Tuthill, C. S. 4 *t*
89 Hardenbrook ave., Jamaica
Tuttle, G. nm t *430 W. 119*
Tyran, J. L. *ph* 911 Ogden ave.
Tyndall, G. V. T. gr t *Mt. Vernon*
Tyndall, R. M. 2 b *56 E. 102*
Tyson, L. *pl* 418 W. 118

Uaito, K. *ph* 107 W. 105
Ueland, E. pl *28 Macdougal*
Ulanoff, F. 3 t *648 E. 183*
Ullrich, A. R. 2 *s*
109 Oxford, Bklyn.
Ulman, H. 2 *l* 995 B'way, Bklyn.
Umezawa, K. nm t *524 W. 122*
Underhill, E. M. 1 *c* 202 W. 148
Underhill, R. L. M. 1 *l* 419 W. 121
Underhill, R. M. ph *419 W. 121*
Ungarleider, M. E. 1 *s*
545 Marcy ave., Bklyn.
Unger, A. 3 *m* 52 E. 118
Unger, L. J. 2 *m* 40 W. 128
Untermyer, E. M. 1 *c*
667 Madison ave.
Unti, I. A. 1 b *78 W. 11*
Upton, E. L. nm t *500 W. 121*
Urch, M. E. gr t
1268 Amsterdam ave.

Valdés, A. P. 3 *s* 202 Riverside Dr.
Valensi, A. 3 *c*
167 Bay 26, Bath Beach
Valentine, C. H. 3 *s* 507 W. 147
Valentine, E. S. 3 t *96 Kent, Bklyn.*
Valentine, I. 1 *c* 24 E. 96
Valentine, J. E. pl
Coldspring Harbor
Valentine, K. S. 1 *c* Hartley
Valentine, L. 4 t *94 Lawrence*
Valet, E. M. 3 b *111 W. 127*
Vallely, C. C. 3 *s* 335 W. 35
Van Alstyns. W. T. 1 *l* Livingston
Van Arsdale, F. A. 4 t
142 Elm ave., Mt. Vernon
Van Arsdale, H. A. *pl*
Van Auken, W. D. 4 *t*
27 St. Mark's ave., Bklyn.
van Buren, M. P. 1 *c* Hartley
Van Buskirk, A. S. 4 b *21 W. 123*
Van Buskirk, E. F. *p*
391 Monroe, Bklyn.
Van Buskirk, G. L. 1 *s* 21 W. 123
Vance, C. S. ph *Brooks*
Vance, J. E. 3 t *Whittier*
Vance, J. L. *f a* 639 E. 138
Van Dam, E. F. *ph*
467 Richmond Ter., New Brighton

Vanderbilt, A. T. 1 *l*
14 N. 9, Newark
Vanderburgh, F. A. *ph*
53 Washington Square
Vander Meulen, J. M. *ph*
400 W. 150
Van Deventer, G. R. ph *234 W. 101*
van Duyn, M. E. 2 b
9 Claverly Pl., Flushing
Van Dyck, V. 1 *c*
67 W. 44, Bayonne
Van Fossan, E. H. 4 *c* Livingston
Van Gaasbeek, H. C. 1 *c* Hartley
Van Hook, E. 2 *s* 414 W. 118
Van Horn, O. O. sp b *414 W. 118*
Van Horne, E. G. 4 t *51 W. 106*
Van Horne, K. 3 t *400 W. 118*
Van Ingen, B. J. 4 *t* 554–11, Bklyn.
Van Kirk, A. E. 3 t *116 W. 94*
Van Kleeck, E. 3 *m* 4 W. 123
van Nostrand. N. A. gr t *501 W. 120*
Van Raalte, J. 2 b *10 W. 87*
Van Saun, E. G. 3 t *Maywood*
Van Schaick, L. W. 2 *t*
Vantine, H. 3 *c* 567 West End ave.
Van Vranken, F. 3 b *Brooks*
Van Wagenen, M. J. 4 *t* Livingston
Van Wert, S. E. ph *316 W. 112*
Varney, C. C. pl *3 Gramercy Park*
Vassar, H. W. *f a* Hartley
Vaughan, J. A. *pl* 600 W. 122
Vaughan, L. L. 4 *s* Hartley
Vaughan, W. E. *gr t* Livingston
Veness, T. W. 1 *l* Livingston
Vennum, S. ph
90 Morningside ave., W.
Verlage, C. C. M. 3 b *201 W. 79*
Vermilye, H. N. 1 *m* 346 W. 57
Verplanck, E. F. 3 *s* 612 W. 116
Vevia, A. C. 3 t *Whittier*
Vickers, L. *pl*
Union Theological Seminary
Villelli, J. A. *ph* 61 Henry
Viltor, J. A. 4 *m* 28 W. 53
Vimont, L. L. ph *609 W. 127*
Vine, E. C. 1 t *600 W. 146*
Virginius, M. 2 *m* 247 E. 115
Vital, J. *ph*
59 N. Broadway, Yonkers
Vogler, P. C. 2 *s* 134 Lawrence
Völker, H. J. 4 *s*
94 So. Highland ave., Ossining
Völker, R. M. gr t
94 So. Highland ave., Ossining
von Doenhoff, D. 2 b *167 E. 95*
von Glahn, I. H. 2 b
14 Washington, Redbank, N. J.
von Glahn, J. C. 2 *l* Livingston
von Hofe, G. D., Jr. 1 *c* 118 E. 87
von Lengerke, F. 3 t
211 Highland ave., Orange
von Tobel, H. 1 b *186 Chrystie*
von Unwerth, F. ph *527 W. 121*
von Wahl, C. W. 3 b *22 E. 120*
von Wedell, H. A. 2 *l*
100 Morningside ave., W.
von Zellen, O. *ph*
Voorhees, G. S. *nm t* 522 W. 136
Voorhees, W. de F 1 *c*
136 Rutland Road, Bklyn.
Voorhies, J. 1 *c*
2566 Ocean ave., Bklyn.
Voorhis, S. G. 2 b *500 W. 122*
Vorhaus, A. R. 1 b *160 E. 80*
Vos, J. *nm c* Hartley
Vose, C. E. ph *Whittier*
Voskamp, J. A. 4 *s* Livingston
Voyse, M. 2 b
409 Palisade ave., Yonkers

Wack, W. H. 2 *c*
167 Lawton ave., Grantwood
Wade, E. C. *pl* Hartley
Wagner, F. H. 3 *s* Hartley
Wagstaff, M. B. 3 t
19 Holly, Cranford, N. J.
Wahlquist, H. *nm t*
218 Main, Hackensack
Waite, C. A. 4 t *Whittier*
Waite, E. R. ph
Wakefield, A. *ph*
87 Fourth ave., Newark
Wakefield, G. B. 1 *s* Hartley
Waldstein, A. S. *ph* 278 E. Houston
Walk, G. E. *gr t*
Walker, L. V. nm t
271 Claremont ave., Montclair
Walker, M. L. nm t *Whittier*
Walker, R. 4 *m* 548 W. 164
Walker, R. nm t *Whittier*
Walker, R. T. *f a* 523 W. 113
Walkinshaw, R. B. 3 *l* Livingston
Wallace, L. B. 3 t *346 W. 71*
Wallace, L. M. gr t *Whittier*
Wallace, O. A. 1 *s* 7 W. 92
Wallander, A. F. 3 b
168 Park ave., Mt. Vernon
Waller, E. G. 4 t *Whittier*
Wallin, A. R. 4 t *Whittier*
Walser, G. O. 3 *l* New Brighton
Walsh, J. A. 2 *s* 461 E. 185
Walsh, J. J. 3 *t* 5 E. 131
Walsh, M. G. gr t
8502 Ft. Hamilton ave., Bklyn.

Walsh, M. 4 t *Whittier*
Walsh, S. C. 1 *l* 2391 Tiebout ave.
Walter, H. O. 2 *l* 200 W. 71
Walter, L. 3 *s*
76 Juniper ave., Maspeth, L. I.
Walther, C. M. 3 b
201 N. High, Mt. Vernon
Walther, T. H. 3 t *1969 Seventh ave.*
Walton, L. S. 1 b
855 Gates ave., Bklyn.
Wangerien, C. J. 3 *l* Livingston
Ward, D. H. 3 *c* 202 Riverside Dr.
Ward, M. F. nm t *173 E. 90*
Ward, M. H. 4 *m* 129 W. 64
Ward, N. B. 2 *s* W. 117
Ward, W., Jr. 1 *l* Livingston
Ward, W. L. *f a*
1088 Broad, Newark
Wardell, S. E. 3 *t*
101 Day, Orange
Waring, L. A. 1 b
70 Ashford, Bklyn.
Warne, A. A. 4 t
Warner, C. M. 3 *s*
Warner, F. ph *Brooks*
Warner, H. L. 2 *l* Hartley
Warner, J. B. 2 *l* Hartley
Warner, J. O. *pl* 251 W. 14
Warren, G. H., Jr. 4 *c*
924 Fifth ave.
Warren, S. F. t *520 W. 122*
Warrington, S. F. *pl*
2 Monroe, Bklyn.
Washburn, F. B. 2 *l* 52 E. 79
Washburn, W. M. 1 *l* 52 E. 79
Washington, F. W. 2 *s*
1649 Amsterdam ave.
Waterbury, C. H. 2 *c* 627 W. 113
Waterhouse, E. N. ph
742 St. Nicholas ave.
Waterous, G. H. 3 t *Whittier*
Watkins, A. V. 2 *l* 33 W. 126
Watkins, F. V., Mrs. 3 t
200 Claremont ave.
Watkins, W. K. 1 *c* 232 W. 127
Watkinson, G. B. p *401 W. 118*
Watson, B. nm t
302 Tompkins ave., New Brighton
Watson, C. M. 1 *c*
73 Madison, W. New York, N. J.
Watson, E. J. ph *430 W. 119*
Watson, M. W. 2 b *258 W. 93*
Watson, R. A. *ph*
Union Theological Seminary
Watson, S. A. 3 t *Whittier*
Watson, T. H. W., Jr. 2 *c*
258 W. 93
Watters, A. C. 2 *s* 539 W. 156
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Wayman, G. L. 4 t
166 Beach, Stapleton
Weagle, J. A. *ph*
General Theological Seminary
Weaver, A. 3 b
25 Jefferson ave., Bklyn.
Weaver, J. A. *f a* 558 W. 113
Webb, E. W. 2 b
312 So. Second ave., Mt. Vernon
Webb, G. R. 1 *c* Hartley
Webb, H. W. 1 *l* 15 E. 51
Webber, W. T. 4 *c* 515 W. 139
Weber, C. E. *pl* 67 E. 108
Weber, H. W. 1 *c*
575 Ridgewood ave., Bklyn.
Weber, R. H. *f a* 1 River View Ter.
Webster, C. H. *ph* 600 W. 122
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70 Chatham, Plainfield
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15 Spencer Pl., Bklyn.
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1004 Bloomfield, Hoboken
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171 Franklin ave., Bklyn.
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Weiss, H. 2 *s*
95 Williams ave., Bklyn.
Weiss, W. S. 3 *l*
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2229 Andrews ave.
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1353 Bryant ave.
Wen, C. Y. *p* Livingston
Wendover, C. M. nm t
Hillside ave., Tenafly
Werner, P. C. 2 *l* 202 Riverside Dr.
West, G. E. 3 t *132 Lawrence*
West, P. C. 4 *m* 410 W. 58
West, W. L. 1 *c*
849 St. Nicholas ave.
Westbrook, J. S. 1 *l* 67 W. 12
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Weston, A. Hartley
Weston, A. J. *ph* Hartley
Wetjen, H. W. 3 *s* 146 W. 98
Wettlin, E. L. gr t
239 Walnut, Westfield, N. J.
Weymann, L. C. 4 b *148 E. 16*
Wheelen, D. W. 3 t
7 So. Prospect, So. Orange
Wheeler, C. E. *gr t* 57 E. 121
Wheeler, F. R. 1 *c*
153 Stuyvesant ave., Bklyn.
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Whicher, G. F. *ph* Livingston
Whipple, M. E. 3 t
81 Claremont ave., Montclair
Whipps, W. O. 4 *c* 618 W. 113
Whitaker, K. E. 2 *l* Livingston
White, A. L. *p* 521 W. 122
White, B. S. 3 t *515 W. 111*
White, C. C. 3 *m*
640 Madison ave.
White, C. W. *phar*
9 Sanford, Dover, N. J.
White, F. C. *gr t* 973 Whitlock ave.
White, G. C. *ph* Livingston
White, G. M. 3 t *500 W. 121*
White, G. M. *f a* 612 W. 116
White, H. B. C. ph *Riverdale ave.*
White, M. C. 2 *s* 558 W. 113
White, V. 2 b
362 Main, Hackensack
White, W. 2 *c* 611 W. 145
White, W. C. 3 *m*
833 Bloomfield, Hoboken
White, W. C. 3 *s* 531 W. 113
Whitehead, M. W. 3 t *Whittier*
Whitelaw, W. M. *ph*
Union Theological Seminary
Whitford, E. E. *p* 523 W. 151
Whitham, J. I. 3 t *519 W. 121*
Whitley, M. T. ph *416 W. 122*
Whitlock, B. McE. 2 *c*
535 Park ave.
Whitman, A. 3 *m*
283 Lexington ave.
Whitney, J. 4 t *237 E. 104*
Whittaker, H. H. *f a*
177 Lefferts ave.
Whitten, A. A. 3 t *204 W. 133*
Whitwell, C. B. 4 *s* 507 W. 113
Wickham, J. F. *ph* Livingston
Widger, H. DeF. 1 *l* 526 W. 123
Wien, F. *ph* 514 W. 142
Wiener, S. pl *415 Wendover ave.*
Wigand, E. E. 1 b
Monroe ave., Arrochar, S. I.
Wiggers, A. F. A. 2 *m* 400 W. 152
Wightman, S. W. gr t
435 Davis ave., W. New Brighton
Wikander, E. ph *118 E. 53*
Wilcox, D. A. 2 *s* Hartley
Wilcox, H. C. ph
27 N. Tenth ave., Mt. Vernon
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Wile, A. nm t *3099 Broadway*
Wiley, B. 4 t *Hotel Narragansett*
Wiley, E. S. 4 t *Whittier*
Wiley, W. H. *gr t*
Wilfert, E. W. 1 *l*
Manhattan ave. & 118
Wilford, H. E. *ph*
107–3, Elmhurst
Wilford, M. G. 4 t *505 W. 112*
Wilkes, H. E. 4 t
55 St. Nicholas Terrace

Wilkinson, S. 3 t *34 Varick*
Wilkinson, S. *phar* 115 W. 64
Willard, M. A. pl *430 W. 116*
Willets, E. L. sp b
197 Sanford ave., Flushing
Willets, G. J. 3 b *Rye Beach, N. Y.*
Williams, A. B. 4 t
1249 Amsterdam ave.
Williams, A. J. 4 t *Whittier*
Williams, B. C. ph
1230 Amsterdam ave.
Williams, B. W. 1 *c* 417 W. 121
Williams, C. L. gr t *420 W. 118*
Williams, E. G. 1 b *141 W. 122*
Williams, E. I. 1 *s* 213 W. 81
Williams, G. M. 4 *s* 531 W. 113
Williams, H. I. gr t
1264 Boston Rd.
Williams, H. L. 1 *s* 523 W. 113
William, J. E. 2 *m*
33 Lincoln ave., Roselle Park, N.J.
Williams, J. F. 2 *m* 346 W. 57
Williams, L. E. 3 t *556 W. 126*
Williams, M. B. nm b
284 Gates ave., Bklyn.
Williams, P. 2 *l* Livingston
Williams, P. *pl* 352 W. 115
Williams, W. *pl* 90 W. 128
Williams, W. R. 4 *t*
Hastings-on-Hudson
Williamson, R. G. 1 *s* Greenwich
Willoughby, H. 3 t *453 W. 124*
Willson, B. R. 1 *c* 47 W. 82
Wilson, E. T. nm t
60 Walnut, E. Orange
Wilson, J. R. 4 *t*
727 E. 23, Paterson
Wilmot, A. M. 1 *c* Hartley
Wilmot, H. E. 1 b *391 Dean, Bklyn.*
Wilson, A. S. 3 b
107 Spruce, Newark
Wilson, A. T. 4 t *Whittier*
Wilson, E. 4 t *500 W. 121*
Wilson, E. N. 1 b
34 Gramercy Park
Wilson, G. 3 t *149 E. 34*
Wilson, H. N. 2 *l* 414 W. 118
Wilson, J. 4 *t* 365 Pacific, Paterson
Wilson, J. P. 2 *c*
135 Fourth ave., Newark
Wilson, J. W. 1 *c*
162 York, Jersey City
Wilson, L. 3 *s* 808 West End ave.
Wilson, M. nm t *200 Waverley Pl.*
Wilson, M. M. 4 t *Whittier*
Wilson, P. D. 4 *s* Livingston
Wilson, P. O. 3 t *534 W. 124*
Wilson, S. J. 2 *c* 110 Kent, Bklyn
Wilson, W. H. *gr t*
365 Pacific, Paterson
Wilson, W. J. 2 *s* Hartley
Wilson, W. S. 1 *c* N. Y. C.
Wimmer, J. D. 3 *c* Hartley
Winans, M. R. 3 t
63 Johnson ave., Richmond Hill
Winchell, J. A. 3 t
176 Elm ave., Mt. Vernon
Winchester, A. M. 4 t *501 W. 123*
Winderman, S. D. 4 *c*
629–11, Bklyn.
Windsor, B. N. 3 *c* Hartley
Winslow, A. B. ph *519 W. 121*
Winslow, E. A. 3 t *500 W. 121*
Winslow, F. E. *nm l* 423 W. 118
Winslow, I. F. 3 t
257 Steuben, Bklyn.
Winslow, J. M. *gr t*
Ridgefield Park, N. J.
Winslow, T. S. 2 *m* 67 W. 68
Winward, L. E. 4 t
29 Hamilton ave., New Brighton
Wirth, C. A. *p* 324 E. 80
Wischkaemper, H. *pl* 65 W. 95
Wise, A. L. 2 *s* 28 E. 63
Wise, H. A. 1 *c* Langham Hotel
Wise, H. G. 4 t *273 Madison ave.*
Wise, J. H., Mrs. pl *159 W. 85*
Wise, L. E. *p*
349 Central Park, W.
Wise, R. M. 1 b *106 Central Pk., W.*
Wise, S. L. 4 *s* 28 E. 63
Witherby, L. F. 2 *s* 536 W. 114
Witter, R. K. 4 t *520 W. 123*
Wohlfeil, L. B. 2 *c* 441 E. 87
Wolbarst, E. S. 2 *l* 24 E. 120
Wolfe, C. T. 1 *l* Hartley
Wolff, C. E. 4 *s* 12 E. 131
Wolff, M. 2 b *231 W. 97*
Wolff, S. L. 3 *l* 12 E. 70
Wolffram, A. 3 t *7 W. 95*
Wolk, A. 1 *c* Hartley
Woll, F. A. *gr t* 1013 Home
Womack, M. D. *p* 511 W. 112
Wong, H. 1 *c* 9 Mott
Wood, A. W. 4 t 33 W. 47
Wood, C. C. 4 t *420 W. 118*
Wood, E. F. *f a*
Wood, E. L. nm t *467 W. 23*
Wood, J. M., Mrs. 3 t *453 W. 124*
Wood, J. M. *gr t* 453 W. 124
Wood, J. P. 3 *s* 462 Convent ave.
Wood, M. E. M. 2 b
162 Cleveland, Bklyn.
Wood, M. G., Mrs. 3 t *401 W. 117*

Wood, M. M. ph *541 W. 124*
Wood, R. U. 1 *s* 462 Convent ave.
Woodbury, W. B. *ph* Livingston
Wood, W. H. *f a* Hartley
Woodelton, M. R. ph
202 Riverside Drive
Woodruff, J. E. 3 b
344 Gregory ave., Passaic
Woodward, E. A. 4 t *507 W. 113*
Woodward, H. E. *p* Livingston
Woodwell, C. S. 3 *c*
341 Highland ave., Mt. Vernon
Woodworth, S. E. 2 *s* Livingston
Worthington, A. F. *f a* 612 W. 116
Worthington, A. M. 4 t *Whittier*
Worthington, B. V. T. 1 *l* 29 E. 77
Worthington, J. E., Jr. 1 *c*
28 Vernon Ter., E. Orange
Wright, F. S. 1 *s* 347 W. 123
Wright, H. B. 3 b Graniteville, S. I.
Wright, L. D. 4 t *519 W. 178*
Wright, M. C. sp b *Pleasantville*
Wright, W. L. 1 *m* 159 W. 78
Wright, W. R. 4 *s* 55 W. 10
Wunderlich, E. P. 1 b *Tarrytown*
Wurm, C., Jr. 3 *c* 606 E. 164
Wurster, W. F. 1 *s* 327 Lenox ave.
Wurthmann, J. W. 4 *m*
1166 First ave.
Wyckoff, G. P. *ph* 540 E. 76
Wyckoff, H. E. pl *523 W. 121*
Wye, T. E. ph
Wye, J. S. 2 *c* 53 Bayard
Wylie, J. H. 3 *m* 346 W. 57
Wylie, S. D. 3 *l* 520 W. 123

Yamakawa, Y. *pl* 515 W. 111
Yanagisawa, T. *pl*
Broadway & 120
Yang, S. Z. 1 *s* Hartley
Yasuhei, A. *ph* 362 Riverside Drive
Yates, M. L. 3 *c* Hartley
Yen, H. L. *pl* Hartley
Yoakley, I. gr t
19 Madison ave., Jersey City
Yonge, C. C. *f a* Hartley
Yonteff, D. H. 2 *c*
1023 Longwood ave.
Yoran, M. A. 4 t *500 W. 121*
Yoshihiro, Y. *ph* 511 W. 182
Young, E. V. ph 1206 Franklin ave.
Young, I. *p* Livingston
Young, M. 3 t *3099 Broadway*
Young, R. H. 3 *c* 217 W. 134
Yount, C. C. 3 *m* Hartley
Yunck, B. M. 3 t
422 Meeker, So. Orange

Zahniser, W. V. *ph* 420 W. 119
Zanzif, A. D. *f a* 527 E. 88
Zeman, F. D. 1 *c*
17 Spencer Pl., Bklyn.
Zenneck, E. 4 t
46 Second, Weehawken
Zetsche, R. G. *f a* 658 E. 175
Zia, Z. C. 1 *s* Hartley
Ziegler, E. E. 3 b
37 Maple, Richmond Hill
Ziegler, F. J. *ph* 18 E. 54
Ziegler, W., Jr. 3 *c* 29 W. 81
Ziegler, W. H. 3 *c*
292 Manhattan ave.
Zigrosser, C. D. 3 *c*
Zilbersher, S. I. 2 *s* 78 E. 113
Zimbal, S. *nm t* 1159 Third ave.
Zimiga, I. G. 100 Cathedral Pkwy.
Zimmer, S. H. 1 *s* 601 E. 170
Zimmermann, F. A. 4 *c* 159 E. 33
Zinsser, R. *p* 1 W. 70
Zipp, C. S. 1 *l* Hartley
Zipris, V. V. 2 *l*
974 St. Nicholas ave.
Zogbaum, H. St C. *f a* 125 W. 87
Zoller, H. P. 3 *c* 556 W. 150
Zons, F. W. *p* Long Island City
Zook, M. 4 t *540 W. 122*
Zorn, F. 1 *l* 170 W. 136
Zuckerbrot, P. L. 2 *s* 57 Second ave.
Zukerman, D. 2 *c* 307 S. 4, Bklyn.
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